MODULAR TELEPHONE JACKS

MTJ SERIES

INTRODUCTION:
Adam Tech MTJ series Modular Telephone Jacks are a complete line of PCB and wire leaded jacks which are UL and CSA approved and meet all required FCC rules and regulations. Adam Tech offers a multitude of sizes (4p2c thru 10p10c) with styles including single, ganged and stacked versions with options of ferrite or magnetic filtering and or metal shielding. Jacks with integral LED's and combination hybrids such as MTJ/USB jacks are also available. These jacks are available in thru-hole or SMT mounting.

FEATURES:
UL 1863 recognized
FCC compliant to No. 47 CFR part 68
Magnetic and Ferrite filtered types
4,6,8 and 10 positions available
Single, stacked or ganged
Hi-Temp and LED options
Unshielded or Metal Shielded
Thru-Hole or SMT mounting
Cat. 5 & 5E ANSI/TIA/EIA 568.2

MATING PLUGS:
Adam Tech modular telephone plugs and all industry standard telephone plugs.

SPECIFICATIONS:

Material:

Insulator: PBT, Nylon or ABS, rated UL94V-0
Insulator Colors: black or medium gray
Contacts: Phosphor Bronze
Shield: Phosphor Bronze, tin plated

Contact Plating:

Flat contacts: gold flash over nickel underplate on contact area, Tin over copper underplate on solder tails.
Round contacts: gold flash over nickel underplate overall

Electrical:

Operating voltage: 150V AC max.
Current rating: 1.5 Amps max.
Contact resistance: 20 mΩ max. initial
Insulation resistance: 500 MΩ min.
Dielectric withstanding voltage: 1000V AC for 1 minute

Mechanical:

Insertion force: 4 contacts: 17.6N
6 contacts: 20.6N
8 contacts: 22.5N
10 contacts: 24.5N
Durability: 500 Cycles

Temperature Rating:

Operating temperature: -40°C to +125°C

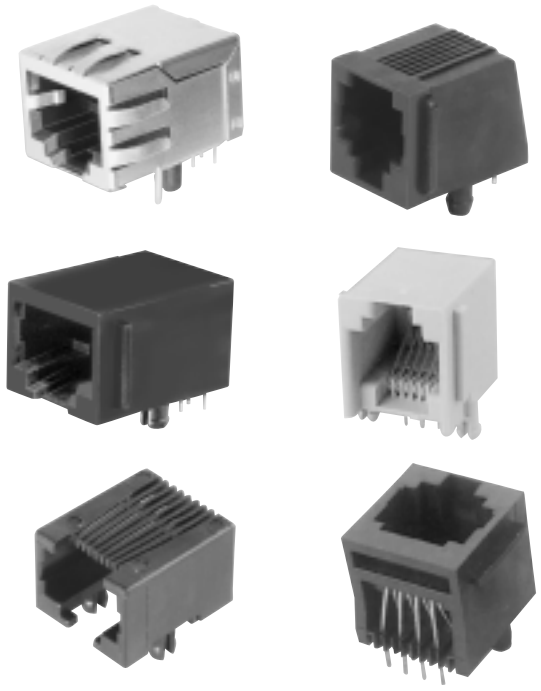
PACKAGING:
Anti-ESD plastic trays

SAFETY AGENCY APPROVALS:
UL Recognized E224049

HI-TEMP INSULATOR AVAILABLE

Pb-free Option available

RoHS COMPLIANT OPTION AVAILABLE



ORDERING INFORMATION

MTJ	6	4	0	2	1

SERIES INDICATOR
MTJ = Modular telephone jack

HOUSING PLUG SIZE
4, 6, 8 or 10

NO. OF CONTACT POSITIONS FILLED
2, 4, 6, 8 or 10

HOUSING TYPE
0, 1, 2, 2B, 2C, 3, 5, 7, 9, A, D, E, F, G, H, K, M, T, V, WA, WB

PLATING
X = Gold Flash
0 = 15 µin gold
1 = 30 µin gold
2 = 50 µin gold

BODY COLOR
1 = Black
2 = Gray

OPTIONS:
Add designator(s) to end of part number

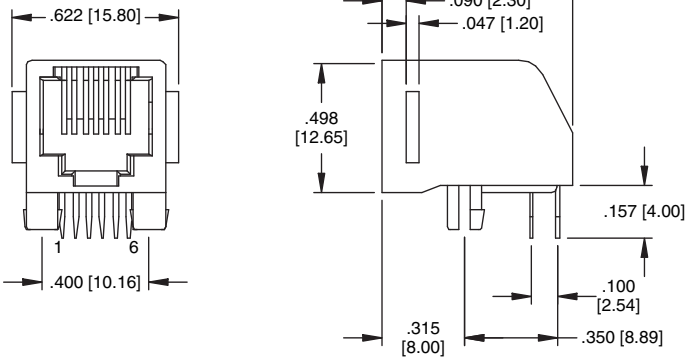
S = Face shielded jack (Body type 0 only)
FS* = Five sided shield (Illustrations pages 16-32) Consult factory for custom shielding requirements
SMT = Surface mount tails, housings 0, 5, 9, G & W with Hi-Temp insulator
N = No panel stops
K = Keyed telephone jack
HT = Hi-Temp insulator for Hi-Temp soldering processes
RC = RoHS compliant lead-free product with Hi-Temp insulator
PG = Panel ground tabs

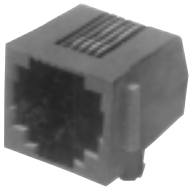
MODULAR TELEPHONE JACKS

.498" HEIGHT, SIDE ENTRY - TYPE 0

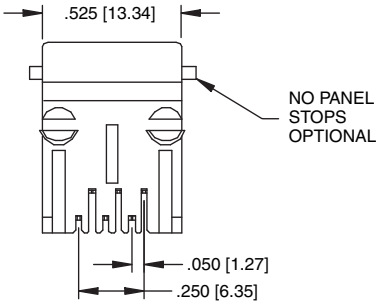
MTJ SERIES

TYPE 0

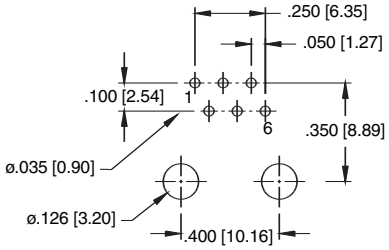




MTJ-660X1

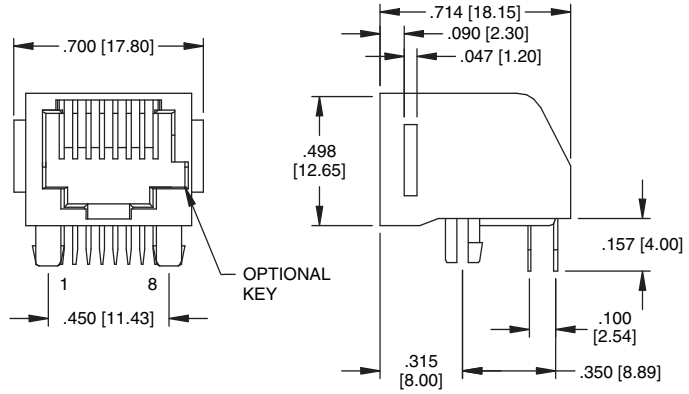


Face Shield Option

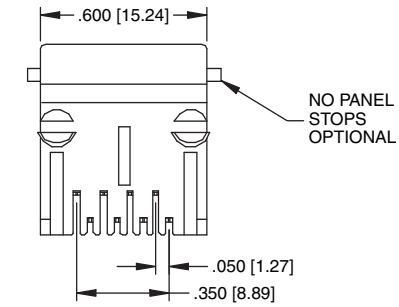


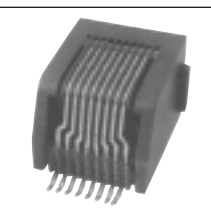
Recommended PCB Layout

TYPE 0

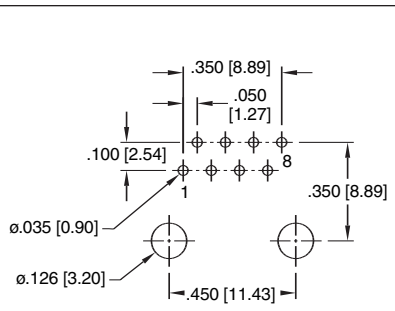


MTJ-880X1





SMT Option



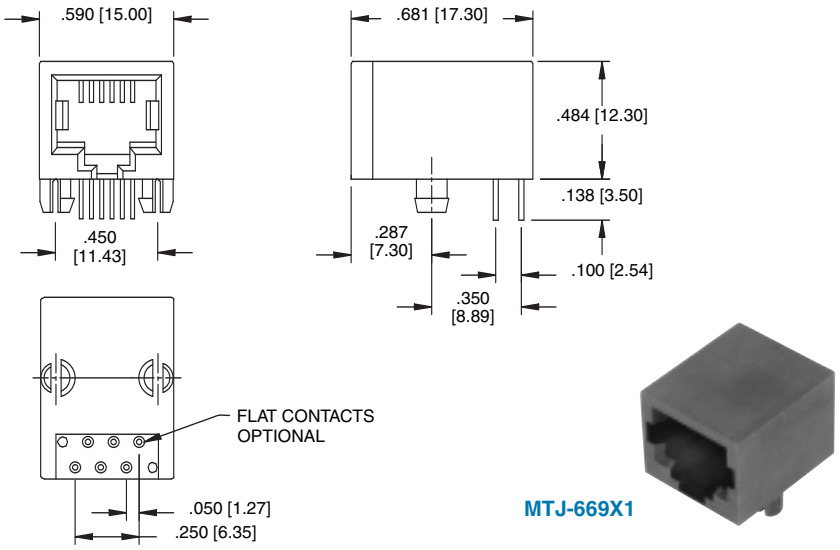
Recommended PCB Layout

MODULAR TELEPHONE JACKS

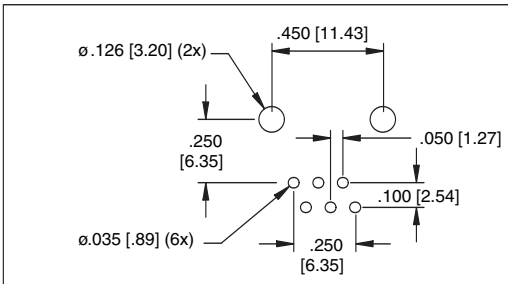
.484" HEIGHT, SIDE ENTRY - TYPE 9

MTJ SERIES

TYPE 9
6p4c
6p6c

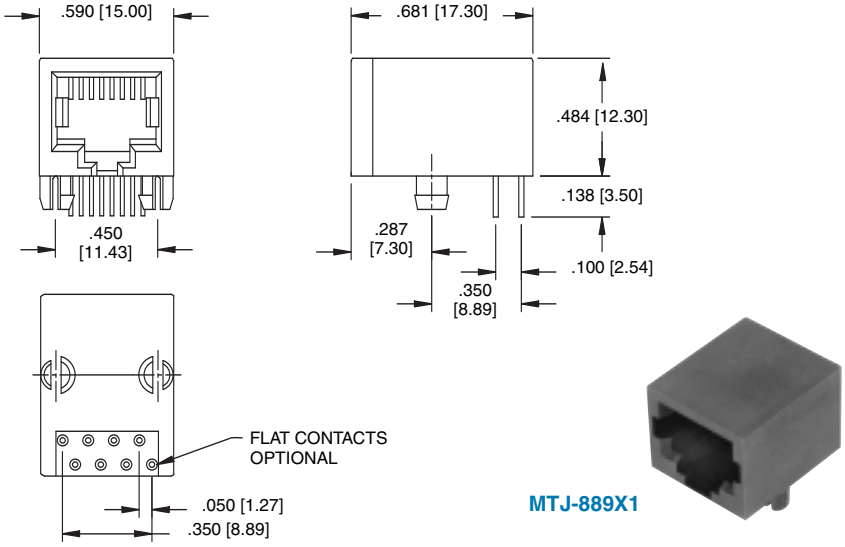


MTJ-669X1

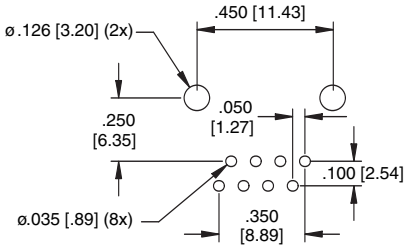


Recommended PCB Layout

TYPE 9
8p8c

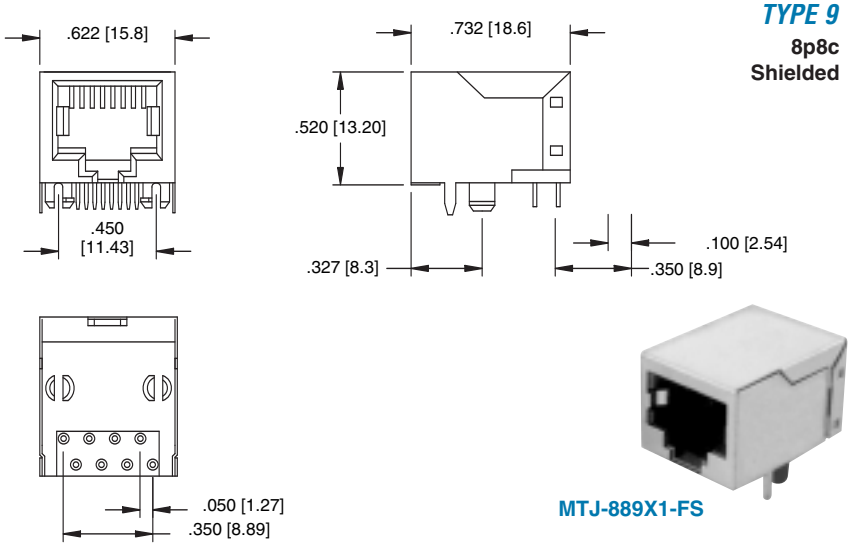


MTJ-889X1



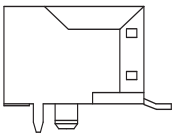
Recommended PCB Layout

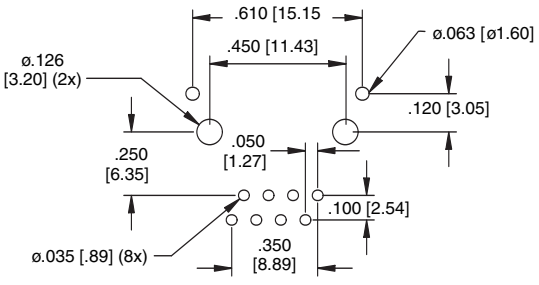
TYPE 9
8p8c
Shielded



MTJ-889X1-FS

SMT Option





Recommended PCB Layout

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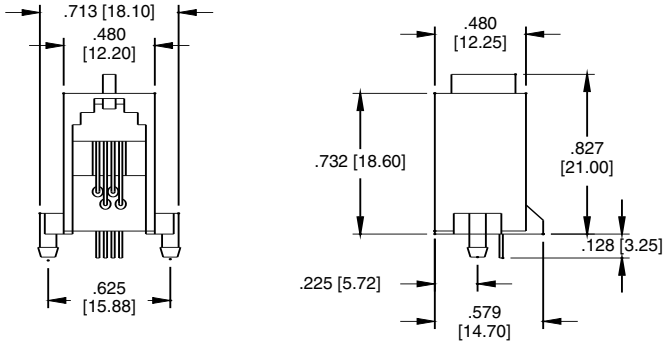
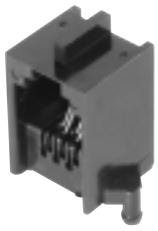
MODULAR TELEPHONE JACKS

THRU HOLE SIDE ENTRY - TYPE 7

MTJ SERIES

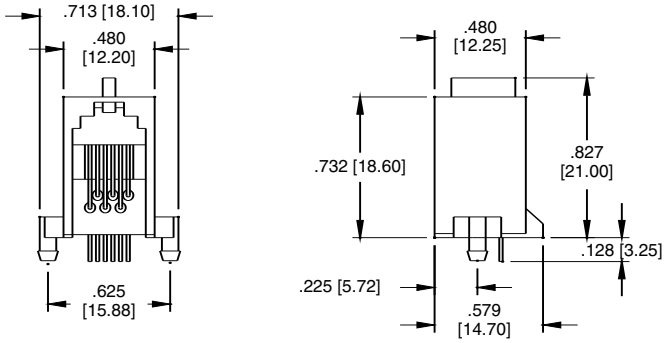
TYPE 7
4p4c

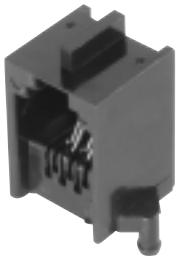




MTJ-447X1

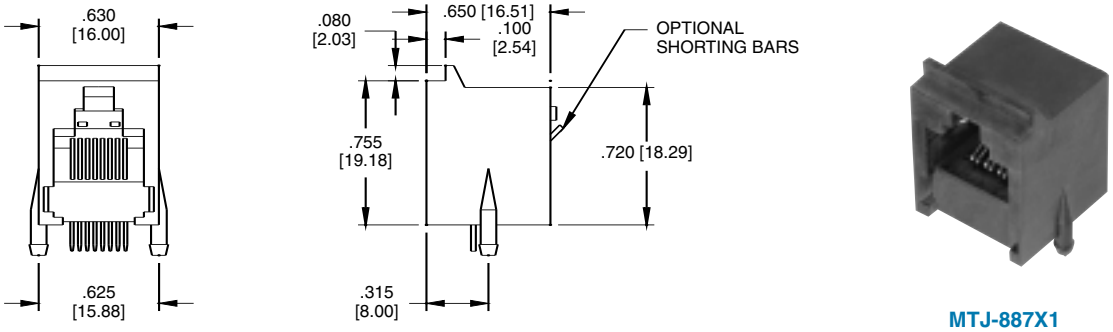
TYPE 7
6p4c
6p6c





MTJ-647X1

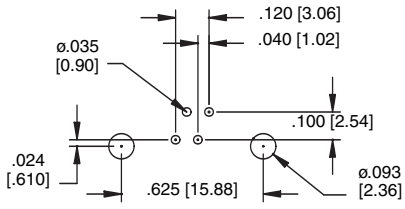
TYPE 7
8p8c



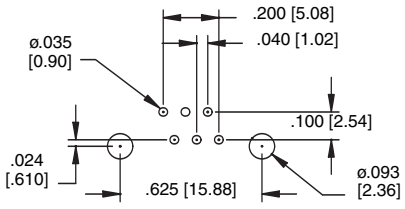
MTJ-887X1

Recommended PCB Layout

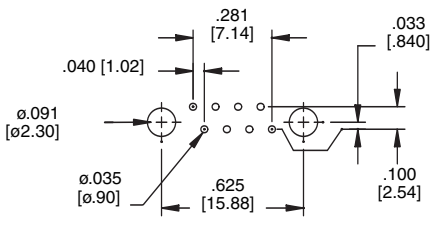
4p4c



6p4c
6p6c



8p8c

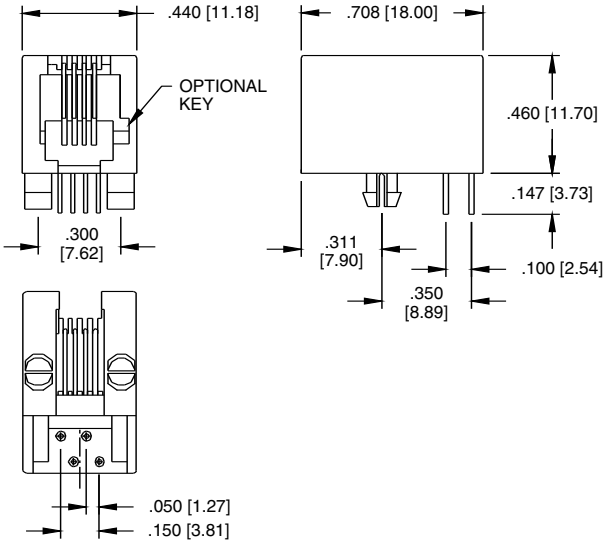


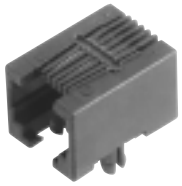
MODULAR TELEPHONE JACKS

.460" HEIGHT, SIDE ENTRY - TYPE 5

MTJ SERIES

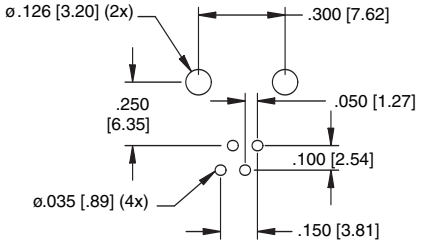
TYPE 5
4p4c



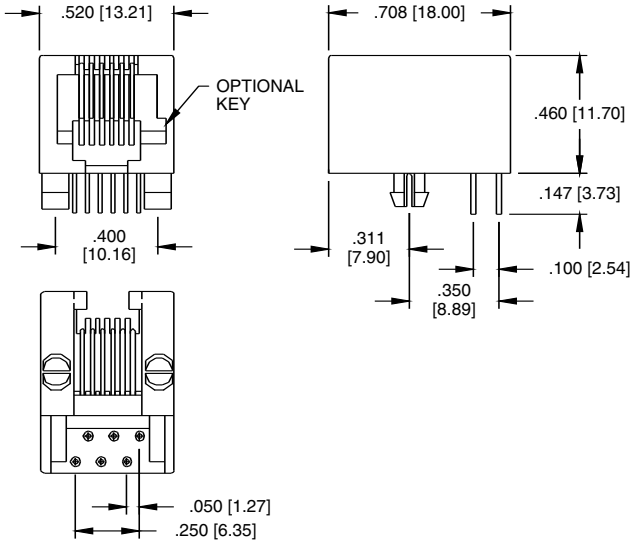


MTJ-445X1

Recommended PCB Layout

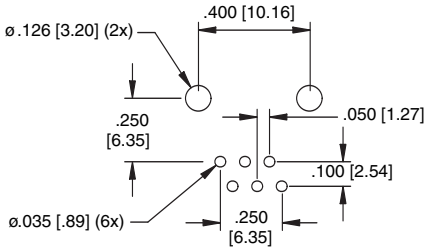


TYPE 5
6p6c



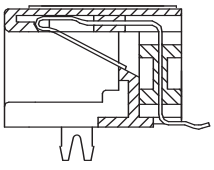
MTJ-665X1

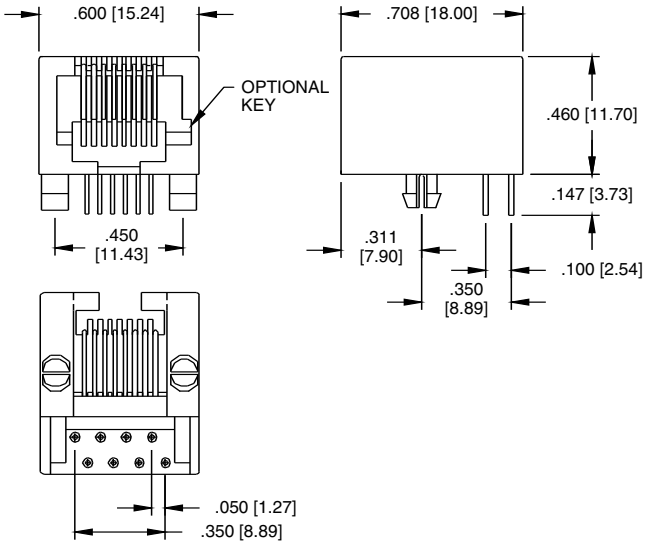
Recommended PCB Layout

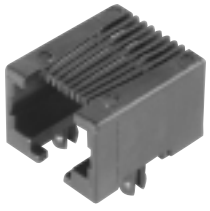


SMT Option

TYPE 5
8p8c

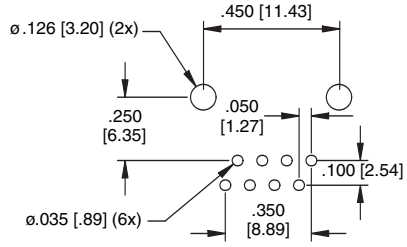






MTJ-885X1

Recommended PCB Layout



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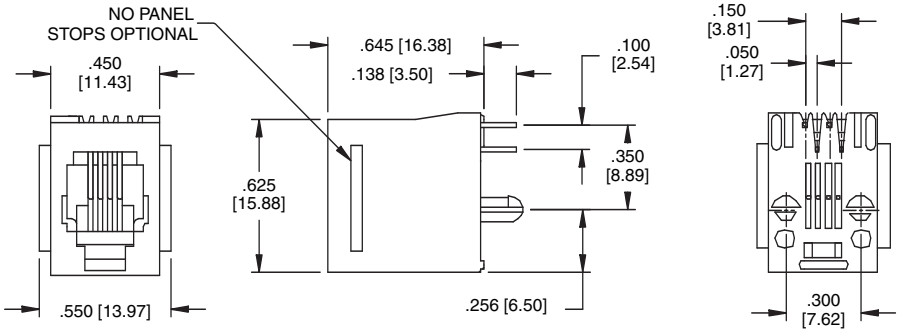
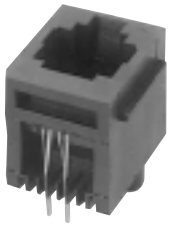
MODULAR TELEPHONE JACKS

.645" HEIGHT, TOP ENTRY, OPEN BODY - TYPE 3

MTJ SERIES

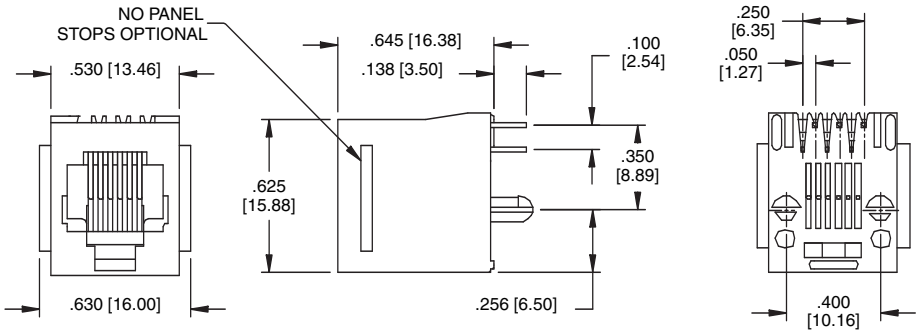
TYPE 3
4p4c

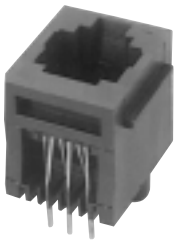




MTJ-443X1

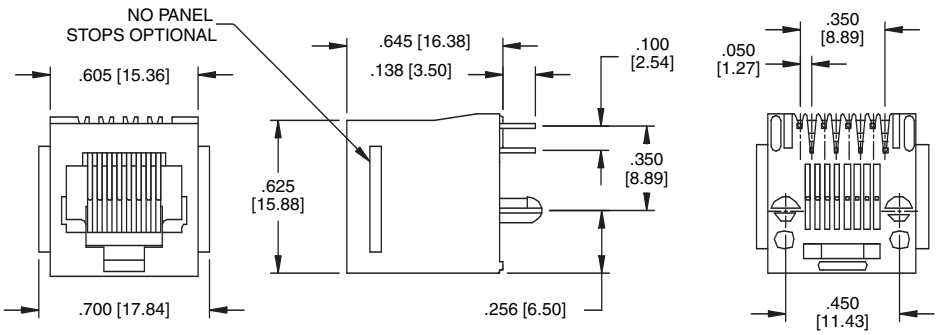
TYPE 3
6p4c
6p6c

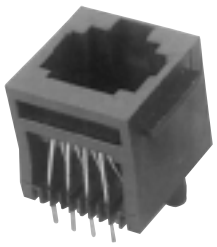




MTJ-663X1

TYPE 3
8p8c

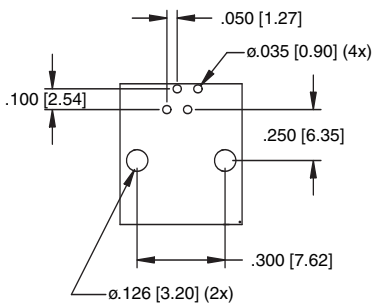




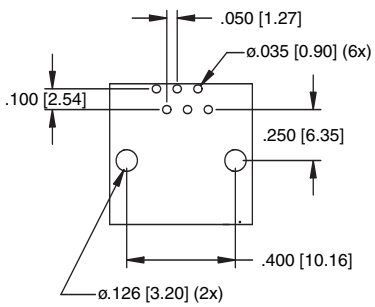
MTJ-883X1

Recommended PCB Layout

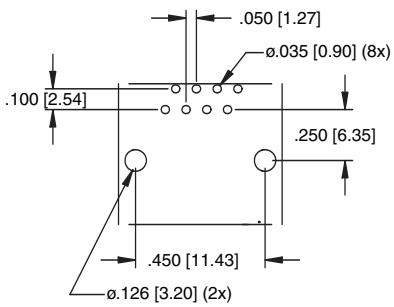
4p4c



6p4c
6p6c



8p8c

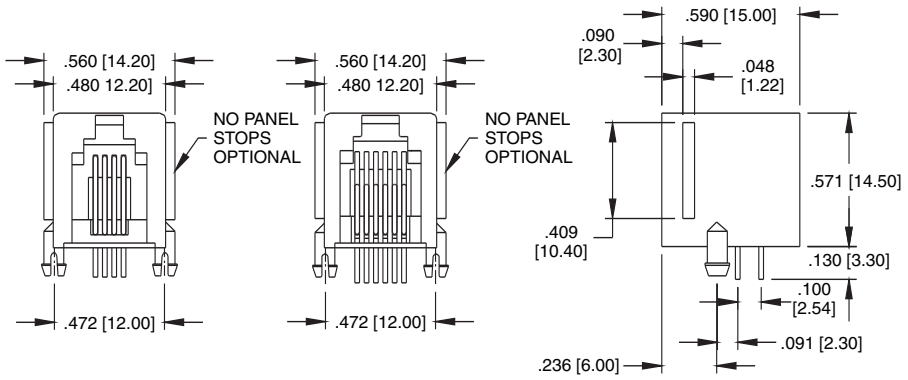


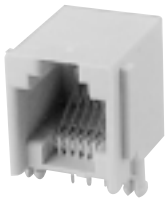
MODULAR TELEPHONE JACKS

.571" HEIGHT, SIDE ENTRY - TYPE 2

MTJ SERIES

TYPE 2

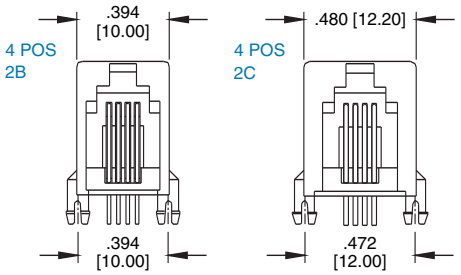


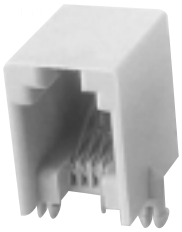


MTJ-662X2

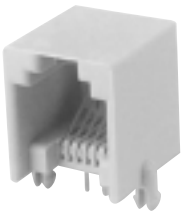
MTJ-642X2

TYPE 2B & 2C

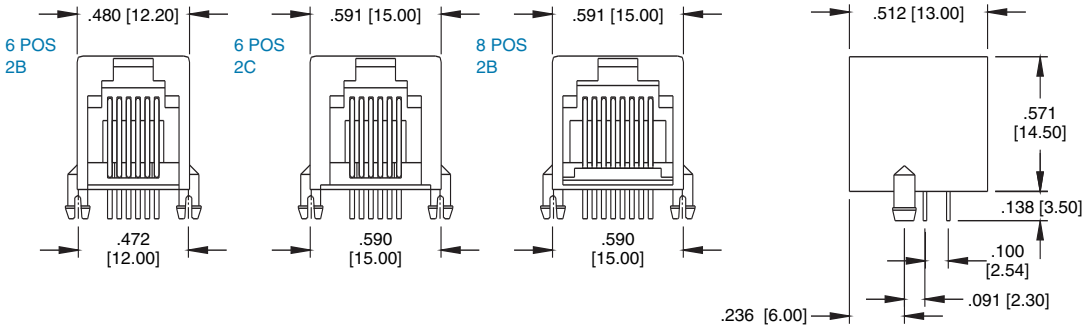




MTJ-642BX2

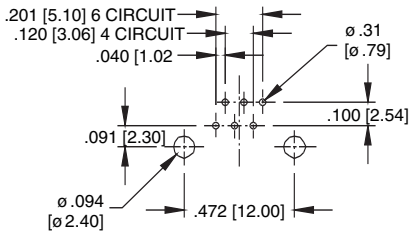


MTJ-662BX2

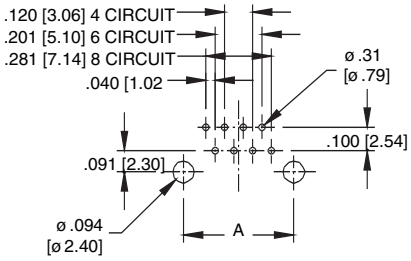


Recommended PCB Layout

Type 2



Type 2B & 2C



DIM. "A"	
TYPE 2B 4P4C	.394 [10.00]
TYPE 2C 4P4C	.472 [12.00]
TYPE 2B 6P6C	.472 [12.00]
TYPE 2C 6P6C	.591 [15.00]
TYPE 2B 8P8C	.590 [15.00]

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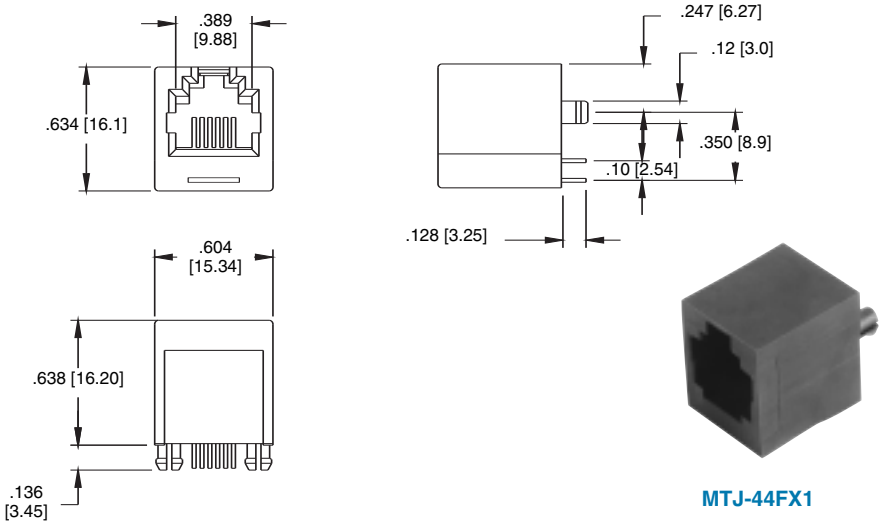
MODULAR TELEPHONE JACKS

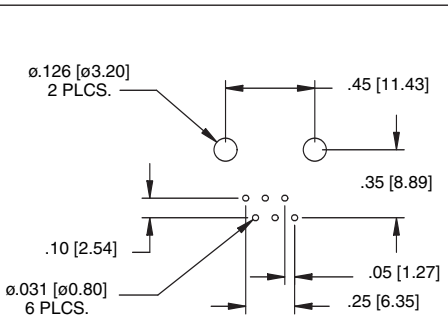
TOP ENTRY, CLOSED BODY - TYPE F

MTJ SERIES

TYPE F
4p4c
6p6c

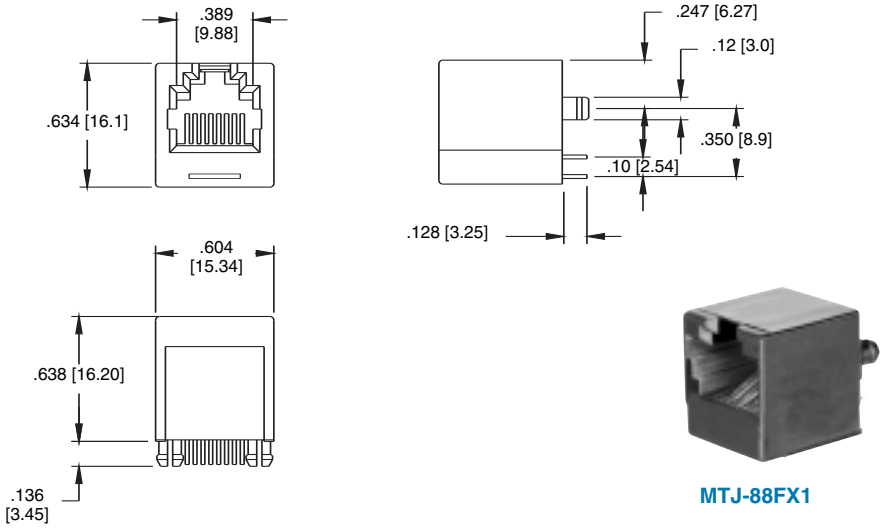


MTJ-44FX1

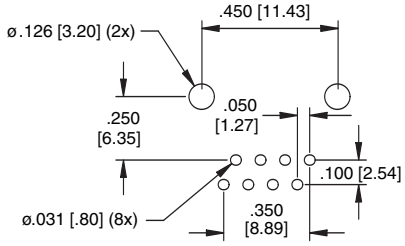


Recommended PCB Layout

TYPE F
8p8c

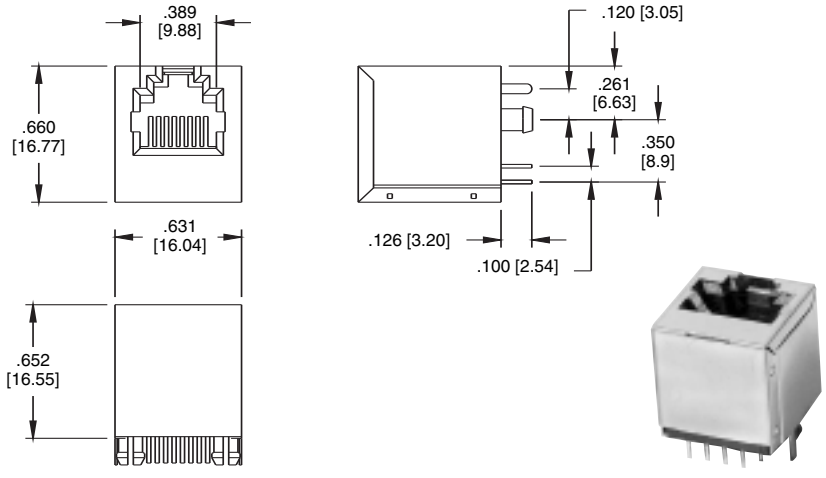


MTJ-88FX1

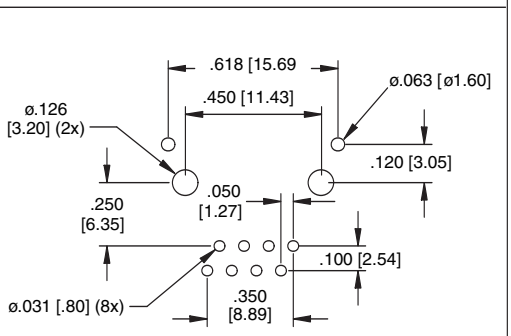


Recommended PCB Layout

TYPE F
8p8c
Shielded



MTJ-88FX1-FS

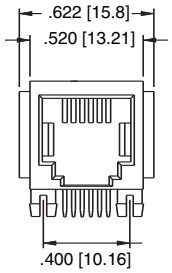


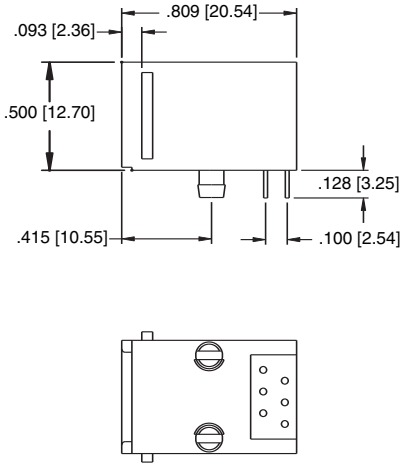
Recommended PCB Layout

MODULAR TELEPHONE JACKS

.500" HEIGHT, SIDE ENTRY - TYPE G

MTJ SERIES



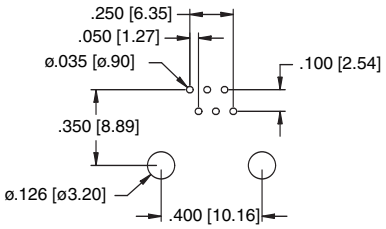


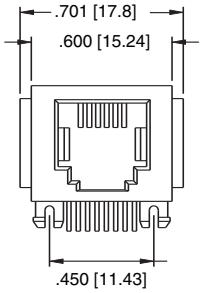
MTJ-64GX1

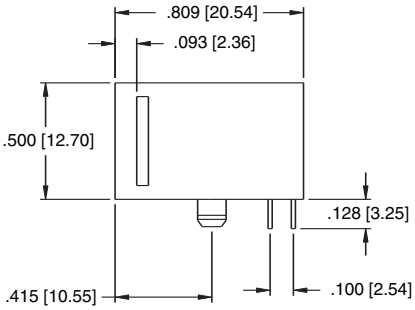
TYPE G

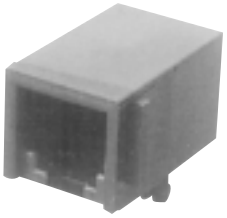
4p4c
6p6c

Recommended PCB Layout







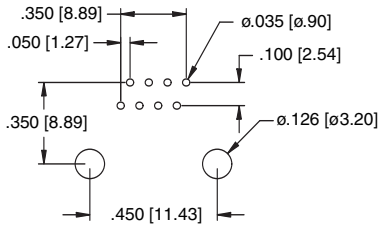


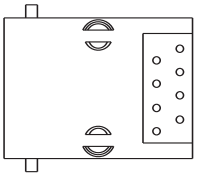
MTJ-88GX1

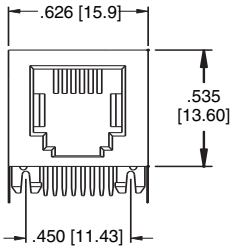
TYPE G

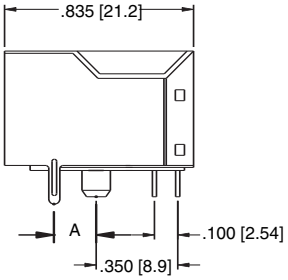
8p8c

Recommended PCB Layout

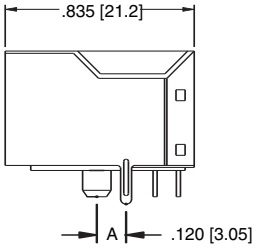








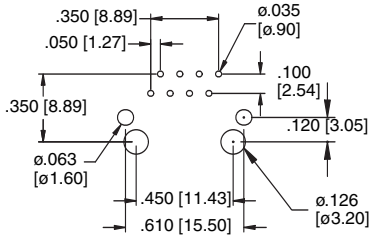
SHIELD PIN LOCATION
FSA OPTION: A = .170 [4.32]
FSB OPTION: A = .144 [3.66]
FSE OPTION: A = .120 [3.05]



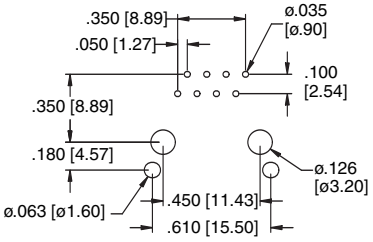
SHIELD PIN LOCATION
FSD OPTION: A = .120 [3.05]

MTJ-88GX1-FSD

Recommended PCB Layout



PCB Layout (FSA, FSB, & FSE)



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MODULAR TELEPHONE PLUGS

MTP SERIES

INTRODUCTION:
Adam Tech MTP series Modular Telephone Plugs are manufactured to terminate flat oval or round telephone cord to REA and Cat. 5 EIA/TIA specifications. Our double strain relief design, molded in polycarbonate, is manufactured with contacts pre-loaded in a variety of sizes and options including shielding and specific contacts for flat or round cable. Adam Tech is a major supplier of telephone line cords to the telecommunications industry.

FEATURES:
Preassembled Contacts
REA Compliant Terminations
Cat. 5 and 5E available
Contacts for Flat of Round wire
Short or Long body choices
Shielded versions

MATING TELEPHONE JACKS:
Adam Tech modular telephone jack series and all industry standard telephone Jacks.

SPECIFICATIONS:

Material:

Insulator: Polycarbonate, rated UL94V-0
Insulator Color: Clear
Contacts: Phosphor Bronze

Contact Plating:

50 µin Gold (optional 15 or 30 µin) over nickel underplate.

Electrical:

Operating voltage: 150V AC max.
Current rating: 1.5 Amps max.
Contact resistance: 20 mΩ max. initial
Insulation resistance: 500 MΩ min.
Dielectric withstanding voltage: 1000V AC for 1 minute

Mechanical:

Cable to plug tensile strength: 7.71 Kgs (17 lbs) min.
Durability: 250 Cycles min.
Wire range: 26 to 28 Awg

Temperature Rating:

Operating temperature: -40°C to +70°C

PACKAGING:
Anti-ESD plastic bags

SAFETY AGENCY APPROVALS:
UL Recognized File No. E224053

ORDERING INFORMATION

MTP	6	4	U

SERIES INDICATOR
MTP = Modular telephone plug, standard oval wire type
MTPR = Modular telephone plug for round cable

PLUG SIZE
4, 6, 8 or 10

NO. OF CONTACTS
4, 6, 8 or 10

PLATING
U = 15 µin gold
W = 30 µin gold
G = 50 µin gold

Pb-free

RoHS COMPLIANT

OPTIONS:
Add designator(s) to end of part number
K = Molded in key (Plug size 8 or 10 only)
S = Solid wire contacts
EMI = Metal shielded type (Plug size 8 or 10 only)
OL = Offset Latch (Plug size 6 only)

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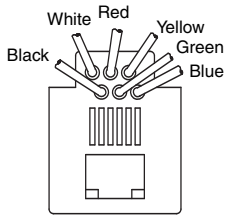
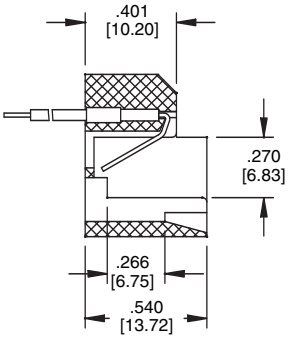
MODULAR TELEPHONE JACKS

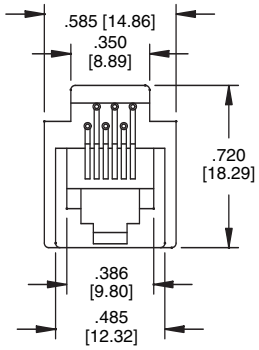
WIRE LEADED JACKS

MTJP SERIES

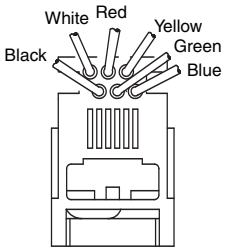
MTJP-623K4
MTJP-623K6

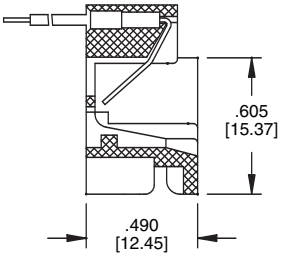


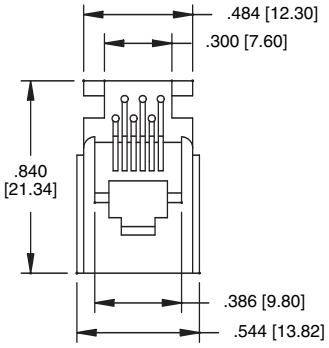




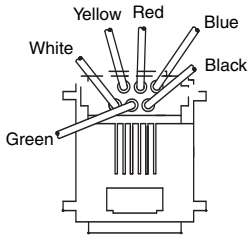
MTJP-623P4
MTJP-623P6

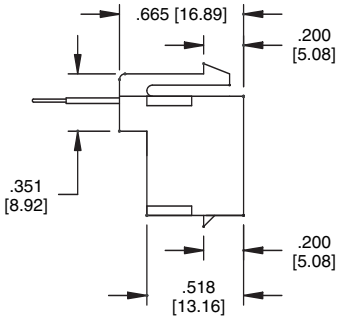


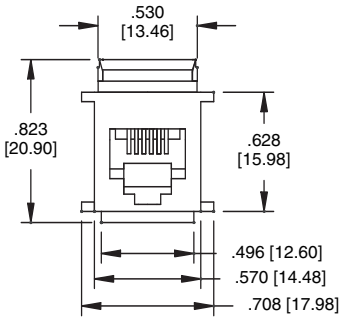




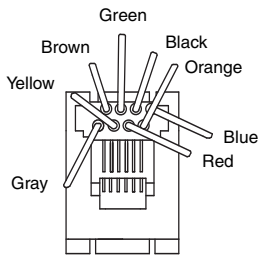
MTJP-648K4
MTJP-648K6

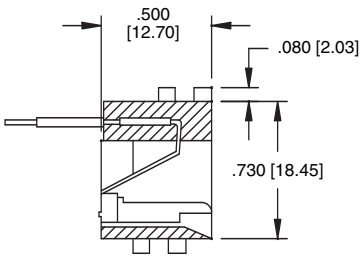


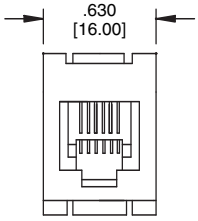




MTJP-641
MTJP-641 KEYED





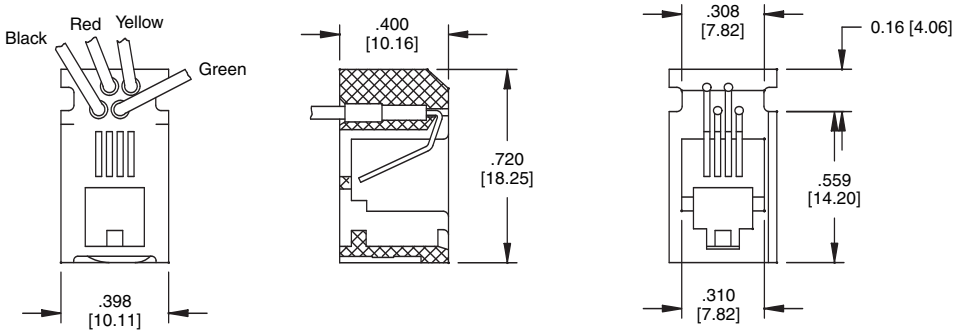


MODULAR TELEPHONE JACKS

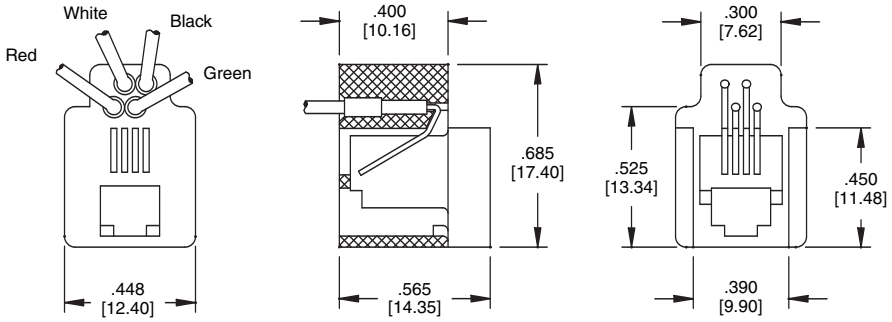
WIRE LEADED JACKS

MTJP SERIES

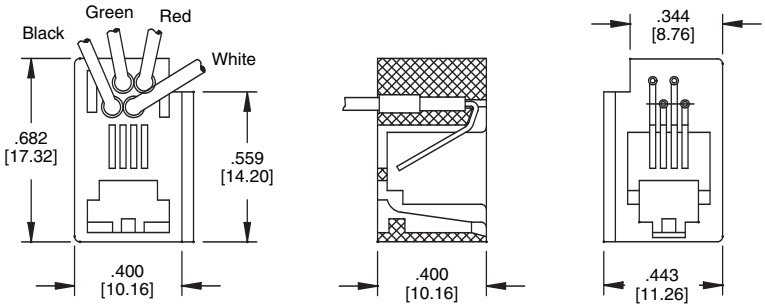
MTJP-616L

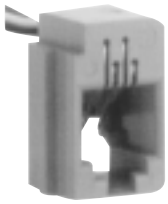


MTJP-616M

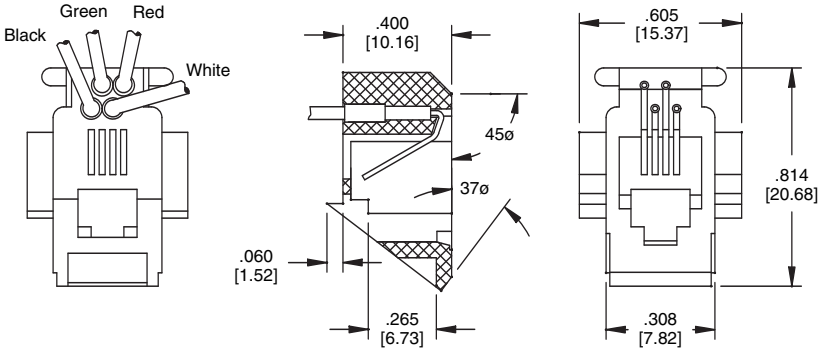


MTJP-616E





MTJP-616W



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MODULAR TELEPHONE JACKS

WIRE LEADED JACKS

MTJP SERIES

INTRODUCTION:
Adam Tech MTJP Series Wire Leaded Telephone Jacks are a full series of Handset and Panel Jacks conveniently prepared with wire leads ready for final assembly. This series has a multitude of housing shapes to fit many specific applications. They are offered in 4, 6 & 8 positions and with choice of Stripped and Tinned leads or leads with Spade Terminals and choice of contact plating. Adam Tech Jacks are UL and CSA approved and meet all required FCC rules and regulations.

FEATURES:
UL & CSA approved
FCC compliant to No. 47 CFR part 68
Prepared for Final Assembly
4P, 6P and 8P versions
Custom Jacks available

MATING PLUGS:
All telephone line cords manufactured with telephone plugs

SPECIFICATIONS:

Material:

Insulator: ABS, (Nylon 66 optional), rated UL94V-0
Insulator Colors: Medium gray or black
Contacts: Phosphor Bronze
Wires: 26 Awg, UL-1061, 80°C, VW-1, 300V.

Contact Plating:

Gold Flash over Nickel underplate on contact area.

Electrical:

Operating voltage: 150V AC max.
Current rating: 1.5 Amps max.
Contact resistance: 20 mΩ max. initial
Insulation resistance: 500 MΩ min.
Dielectric withstanding voltage: 500V AC for 1 minute

Mechanical:

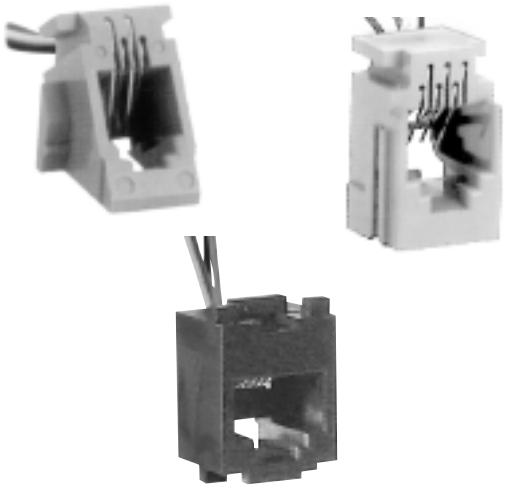
Insertion force: 4 Contacts: 500g, 6 contacts 750g
8 contacts: 900g, 10 contacts: 1000g
Durability: 500 Cycles

Temperature Rating:

Operating temperature: -40°C to +125°C

PACKAGING:
Anti-ESD plastic bags

APPROVALS AND CERTIFICATIONS:
UL Recognized E224049



ORDERING INFORMATION
MTJP SERIES WIRE LEADED JACKS

MTJP	623K6	2	A1	2

SERIES INDICATOR
MTJP = Wire Leaded Telephone Jack

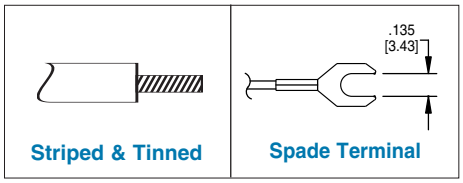
HOUSING TYPE
616B, 616W, 616P,
623K4, 623K6,
623P4, 623P6,
623T4, 623T6,
648K4, 648K6,
641, 647

CONTACT PLATING
X = Gold Flash
0 = 15 µin. gold
1 = 30 µin. gold
2 = 50 µin. gold

WIRE LEAD TYPE
A1 = 7" Wire leads, stripped 1/4" and tinned
A2 = 7" Wire leads, with spade terminal

HOUSING COLOR
1 = Black
2 = Medium Gray

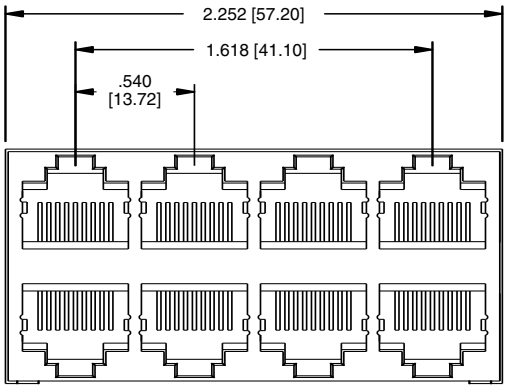
Wire Lead Options

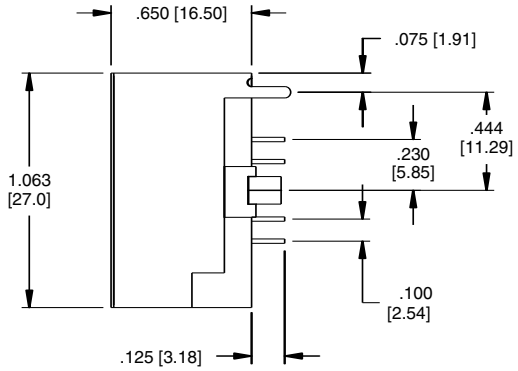


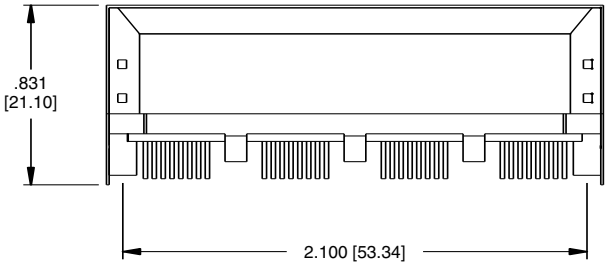
Pb-free

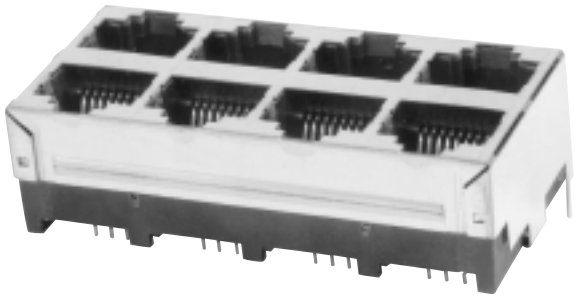
RoHS COMPLIANT

TYPE C
8p8c

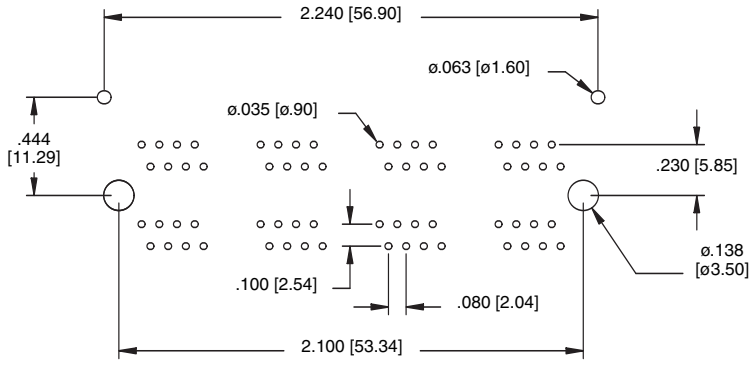








MTJG-8-88CX1-S



Recommended PCB Layout

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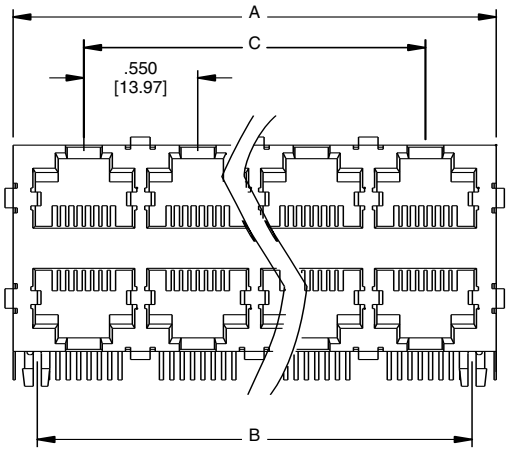
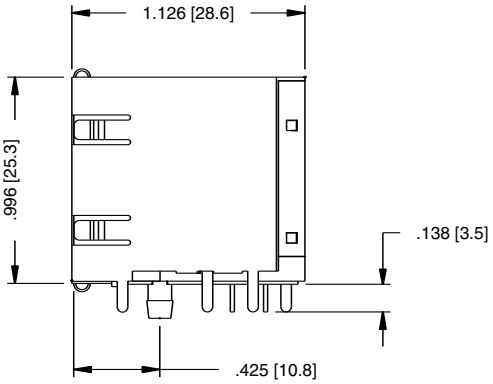
MODULAR TELEPHONE JACKS

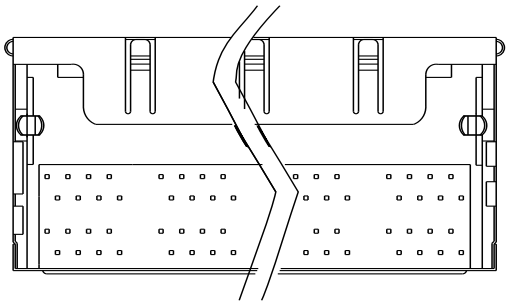
GANGED & STACKED SIDE ENTRY JACK

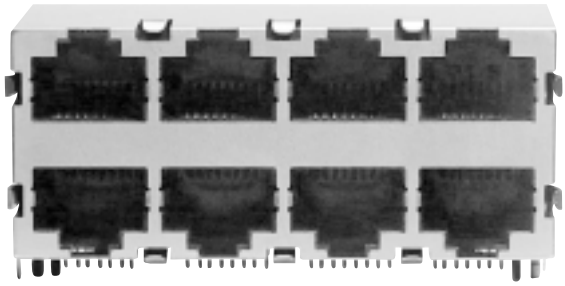
MTJG SERIES

TYPE J
8p8c

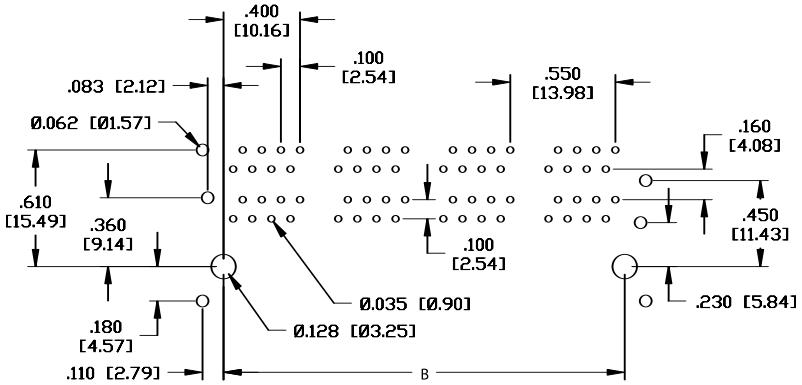








MTJG-8-88JX1-FSG-PG



Recommended PCB Layout

PART NUMBER	PORTS	DIMENSIONS		
		A	B	C
MTJG-6-88JX1-FSG-PG	2 X 3	1.780 [45.21]	1.549 [39.34]	1.100 [27.94]
MTJG-8-88JX1-FSG-PG	2 X 4	2.33 [59.18]	2.100 [53.34]	1.650 [41.91]
MTJG-12-88JX1-FSG-PG	2 X 6	3.43 [87.10]	3.200 [81.28]	2.750 [69.85]

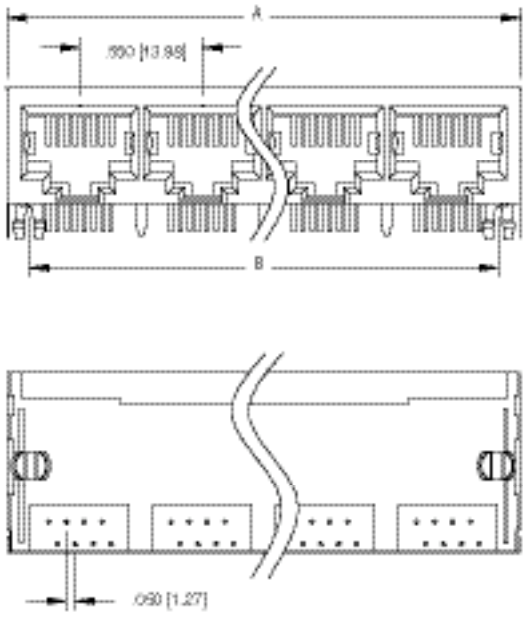
MODULAR TELEPHONE JACKS

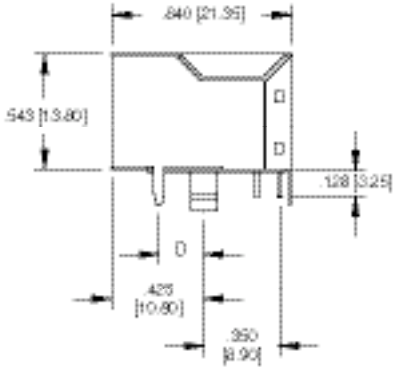
GANGED JACK, SIDE ENTRY TYPE G

MTJG SERIES

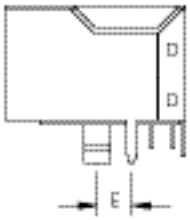
TYPE G GANGED

8p8c

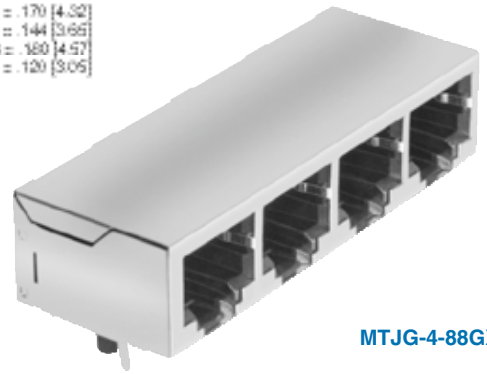




"D" DIM.
FSA = .170 [4.32]
FSB = .144 [3.66]
FSG = .160 [4.57]
FSE = .120 [3.05]

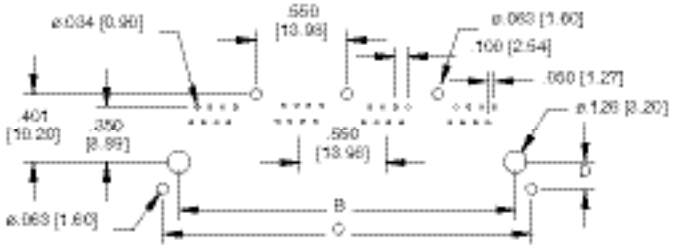


"E" DIM.
FSD = .120 [3.05]
FSR = .144 [3.66]



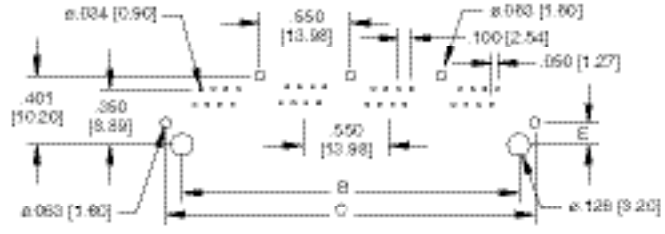
MTJG-4-88GX1-FSB

"D" DIM.
FSA = .170 [4.32]
FSB = .144 [3.66]



Recommended PCB Layout FSA & FSB

"E" DIM.
FSD = .120 [3.05]
FSR = .144 [3.65]



Recommended PCB Layout FSD & FSR

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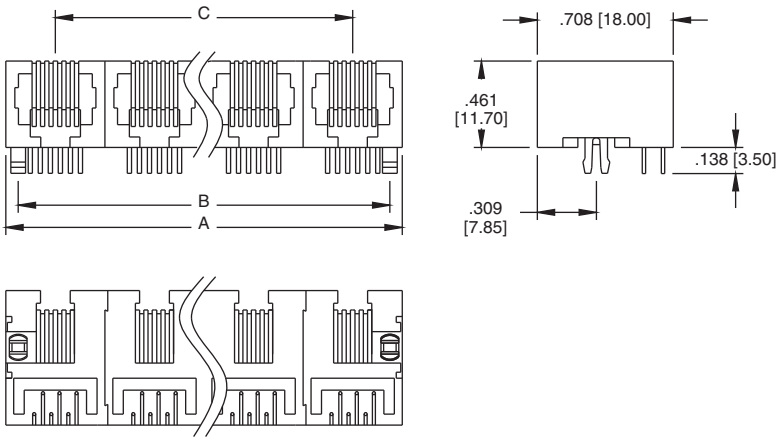
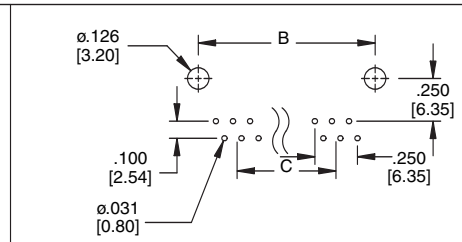
MODULAR TELEPHONE JACKS

THRU HOLE & SMT GANGED JACKS

MTJG SERIES

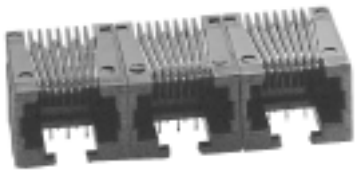




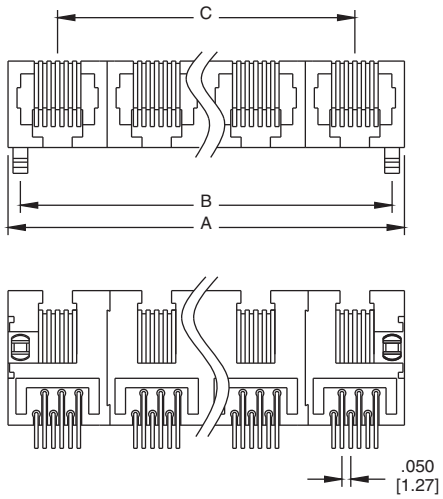
Recommended PCB Layout

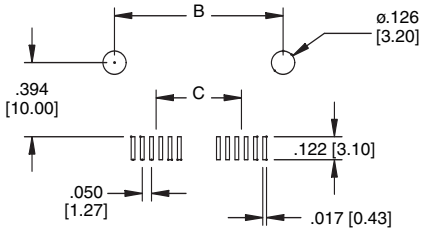
TYPE 5

6p4c
6p6c



MTJG-3-665X1

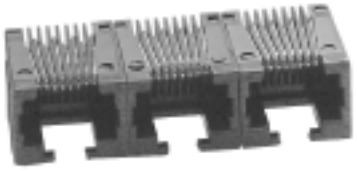




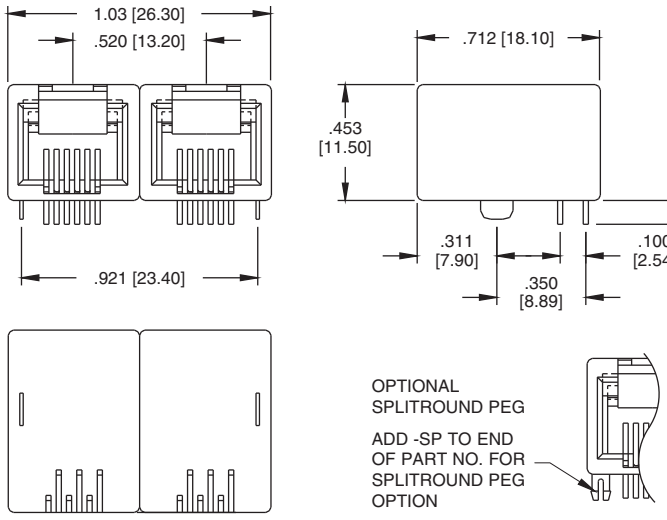
Recommended PCB Layout

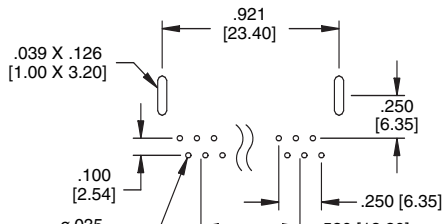
TYPE 5 SMT

6p4c
6p6c



MTJG-3-665X1-SMT

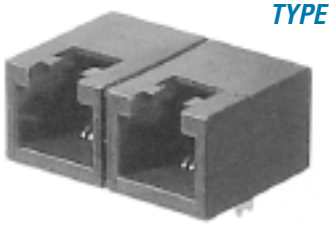




Recommended PCB Layout

TYPE N METAL PEG

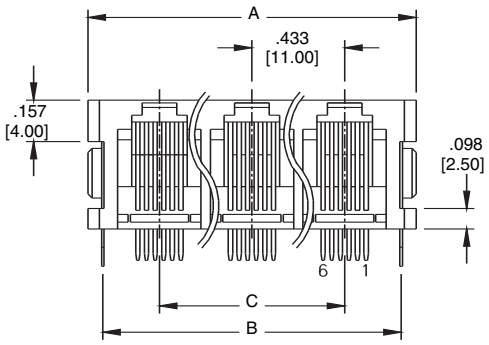
6p4c
6p6c

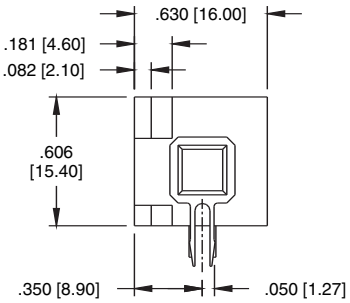


MODULAR TELEPHONE JACKS

TOP & SIDE ENTRY GANGED JACKS

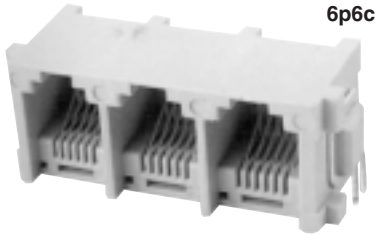
MTJG SERIES



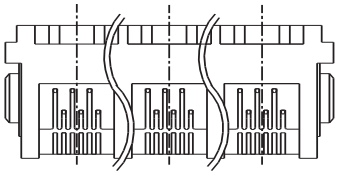


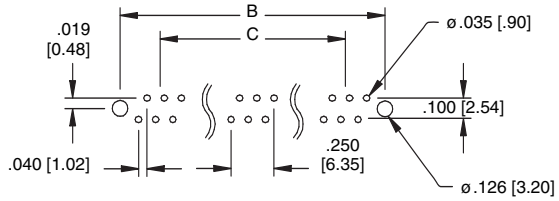
TYPE 7H
RIGHT ANGLE ENTRY

6p4c
6p6c



MTJG-3-667HX2

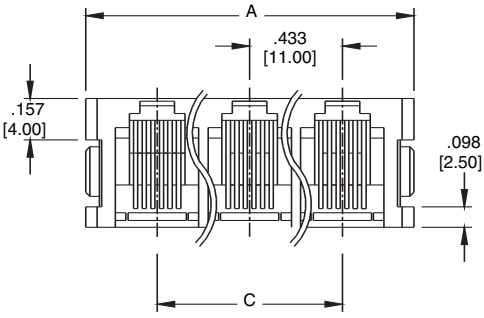


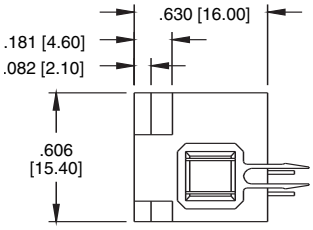


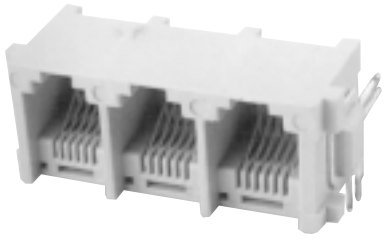
Recommended PCB Layout

TYPE 7V TOP ENTRY

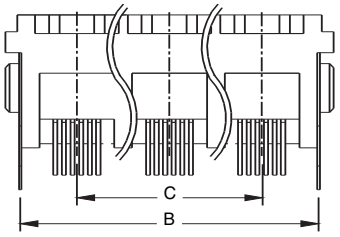
6p4c
6p6c

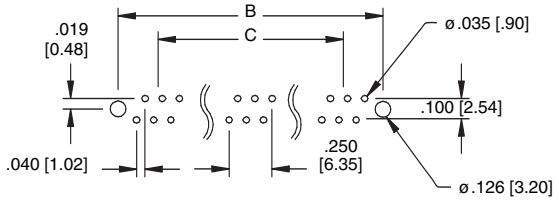






MTJG-3-667VX2





Recommended PCB Layout

DIMENSION	No of Ports						
	2	3	4	5	6	7	8
A	1.110 [28.20]	1.543 [39.20]	1.976 [50.20]	2.410 [61.20]	2.842 [72.20]	3.275 [83.20]	3.710 [94.20]
B	.992 [25.20]	1.425 [36.20]	1.860 [47.20]	2.290 [58.20]	2.724 [69.20]	3.157 [80.20]	3.590 [91.20]
C	.433 [11.00]	.886 [22.00]	1.299 [33.00]	1.732 [44.00]	2.165 [55.00]	2.598 [66.00]	3.030 [77.00]

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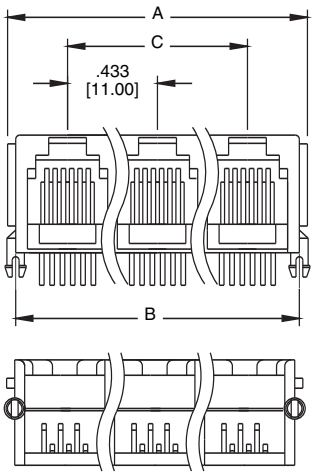
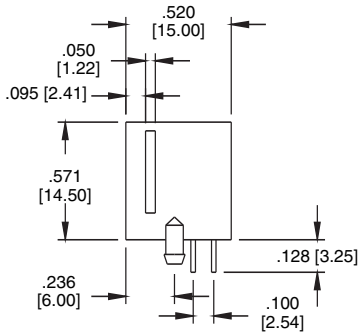
MODULAR TELEPHONE JACKS

GANGED JACKS

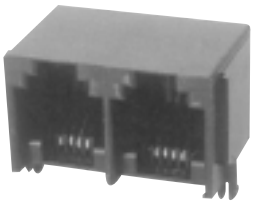
MTJG SERIES





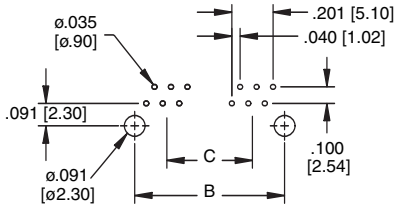
TYPE 2

6p4c
6p6c

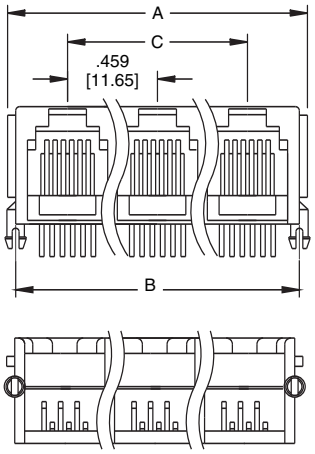


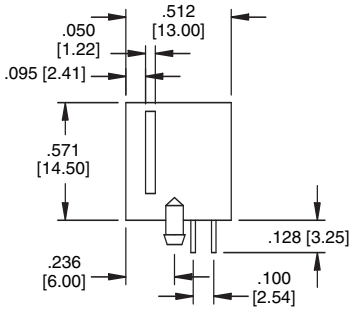
MTJG-2-642X1

A = .433 [11.00] x No. of Ports + .100 [2.54]
B = .433 [11.00] X No of Ports + .020 [0.50]
C = .433 [11.00] x No of Ports - 1



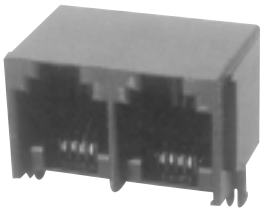
Recommended PCB Layout





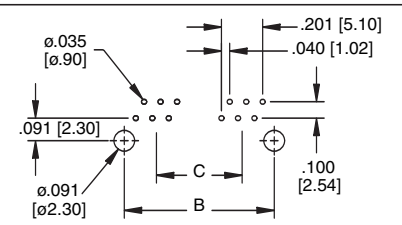
TYPE 2B

6p4c
6p6c

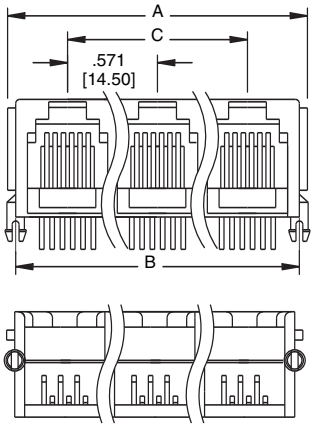


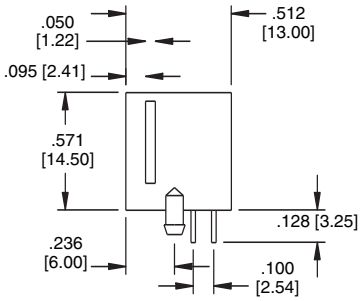
MTJG-2-642BX1

A = .459 [11.65] x No. of Ports + .100 [2.54]
B = .459 [11.65] X No of Ports + .020 [0.50]
C = .459 [11.65] x No of Ports - 1



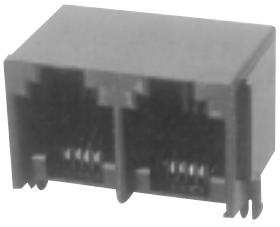
Recommended PCB Layout





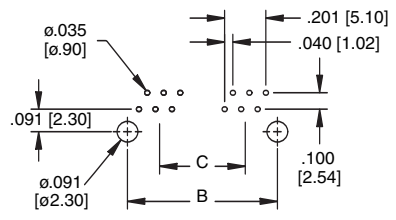
TYPE 2C

6p4c
6p6c



MTJG-2-642CX1

A = .571 [14.50] x No. of Ports + .100 [2.54]
B = .571 [14.50] X No of Ports + .020 [0.50]
C = .571 [15.50] x No of Ports - 1



Recommended PCB Layout

MODULAR TELEPHONE JACKS

GANGED & STACKED JACKS

MTJG SERIES - ORDERING INFORMATION

ORDERING INFORMATION
MTJG SERIES GANG JACKS

MTJG	2	64	2	2	1

SERIES INDICATOR
MTJG = Ganged Telephone Jacks

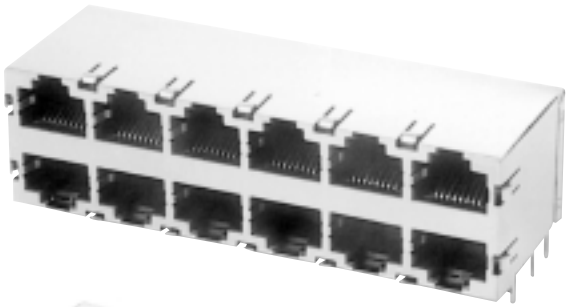
NO. OF PORTS
2 thru 8

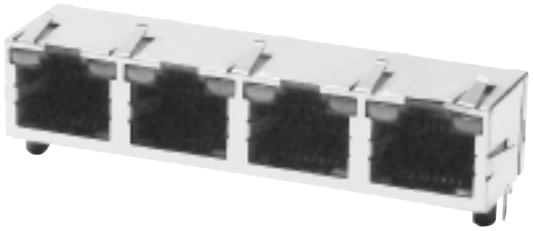
PORT SIZE / POSITIONS FILLED
62 = 6 position, 2 contacts (6P2C)
64 = 6 position, 4 contacts (6P4C)
66 = 6 position, 6 contacts (6P6C)
88 = 8 position, 8 contacts (8P8C)

HOUSING TYPE
2, 2B, 2C, 5, 7H, 7V, AR, C, G, J,

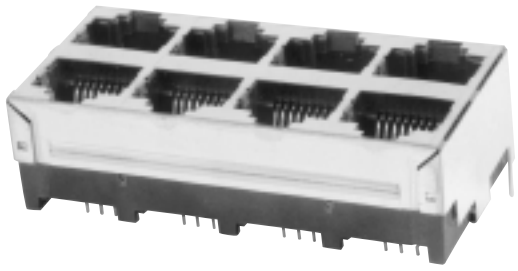
CONTACT PLATING
0 = 15 µin. gold
1 = 30 µin. gold
2 = 50 µin. gold

HOUSING COLOR
1 = Black
2 = Medium Gray





OPTIONS:
Add as suffix to basic part no.
-S, -FSA, -FSB, -FSD = Fully shielded jack
(refer to specification page for illustration)
PG = Panel ground tabs
SMT = Surface mount tails with Hi-Temp insulator



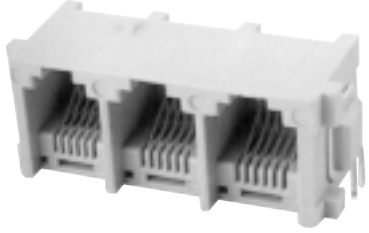
LED CONFIGURATION		
SUFFIX	LED 1	LED 2
LA	YEL	YEL
LD	GRN	GRN
LG	YEL	GRN
LH	GRN	YEL
LI	ORG/GRN	ORG/GRN

Add suffix to end of P/N:

HI-TEMP INSULATOR AVAILABLE

Pb-free Option available

RoHS COMPLIANT OPTION AVAILABLE



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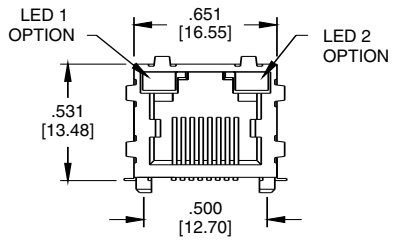
MODULAR TELEPHONE JACKS

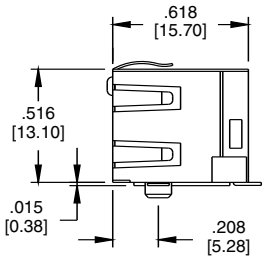
SINGLE & GANGED LED JACK

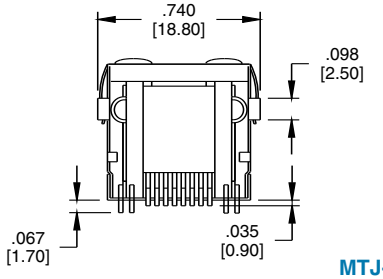
MTJ SERIES

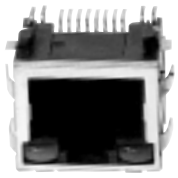
TYPE AR

8P8C

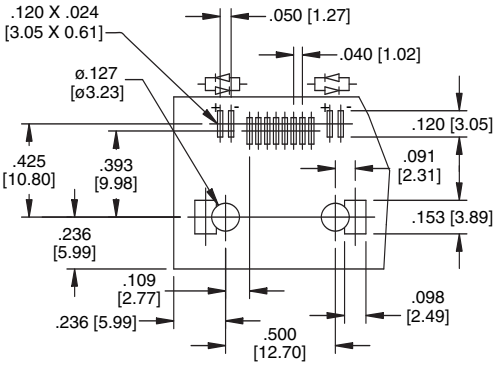








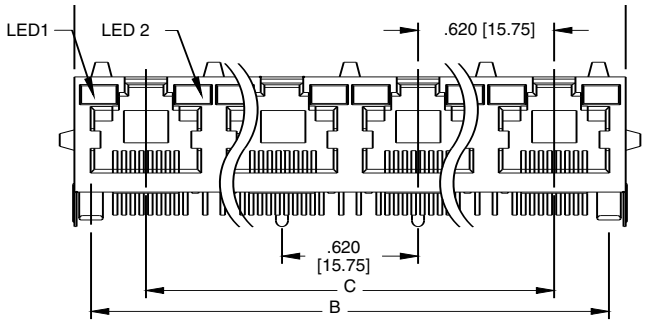
MTJ-88ARX1-FS-SMT-LG MTJ-88ARX1-FS-LG

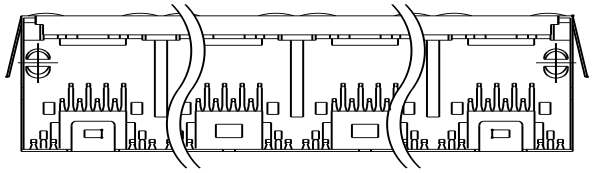


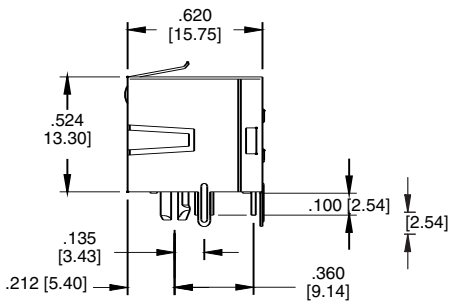
Recommended PCB Layout

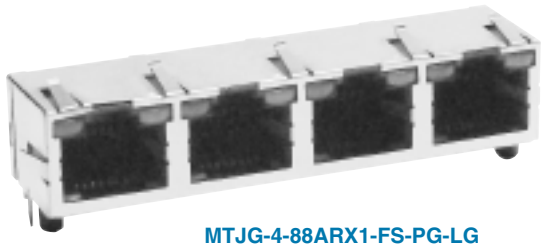
TYPE AR GANGED

8P8C









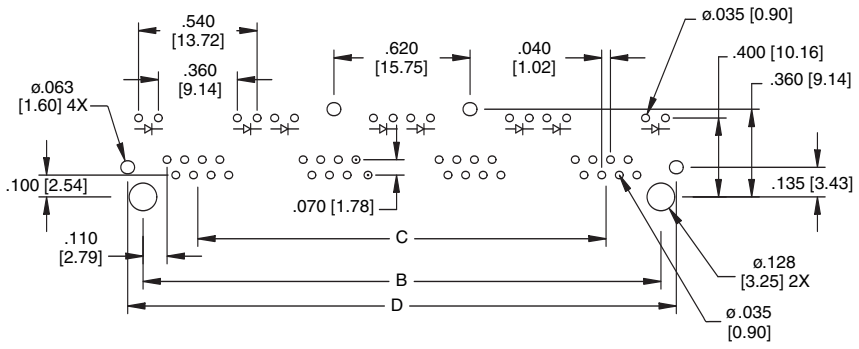
MTJG-4-88ARX1-FS-PG-LG

LED CONFIGURATION		
SUFFIX	LED 1	LED 2
LA	YEL	YEL
LD	GRN	GRN
LG	YEL	GRN
LH	GRN	YEL
LI	ORG/GRN	ORG/GRN

Add suffix to end of P/N:

2, 4 & 8 PORTS AVAILABLE

A = .620 [15.75] x No. of Ports + .029 [0.75]
B = .620 [15.75] X No of Ports -1 [+ .500 [12.70]
C = .620 [15.75] x No of Ports - 1
D = .620 [15.75] x No. of Ports + .019 [0.50]

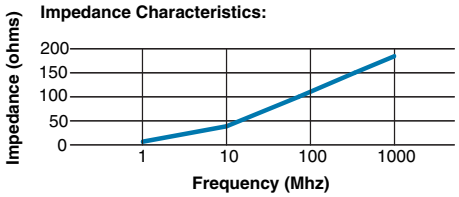


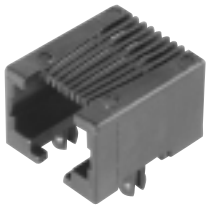
Recommended PCB Layout

FILTERED MODULAR JACKS

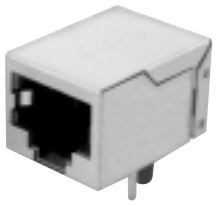
TYPE M

Inductive filtered modular jacks improve signal integrity and are available in a variety of styles including tin plated copper shielding with a choice of magnetic transformer or ferrite filter. Adam Tech offers drop in equivalents to all industry standard filtered jacks





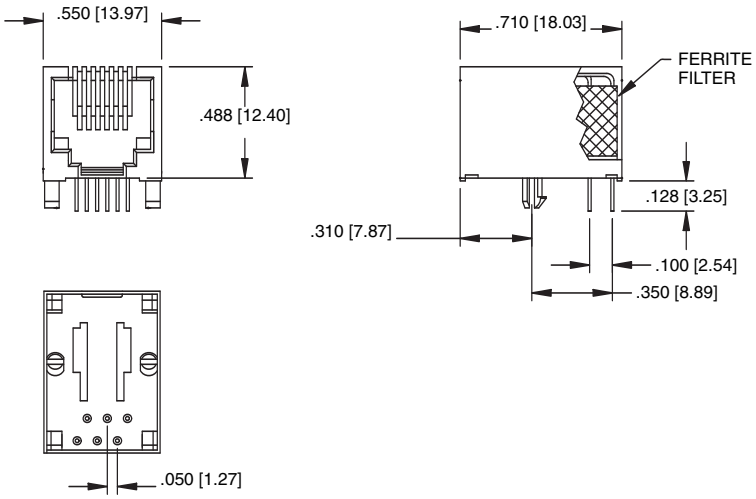
MTJ-88MX1

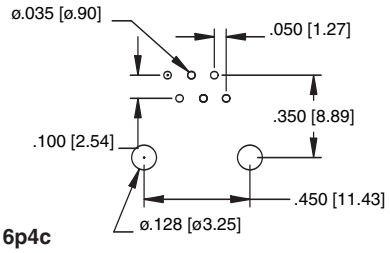


MTJ-88MX1-FSE

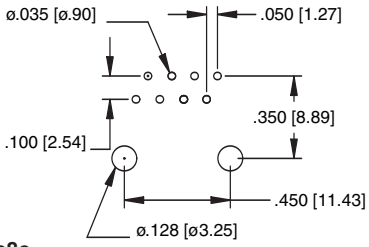
EMI FERRITE FILTERED JACK

Type M
6p6c
6p4c





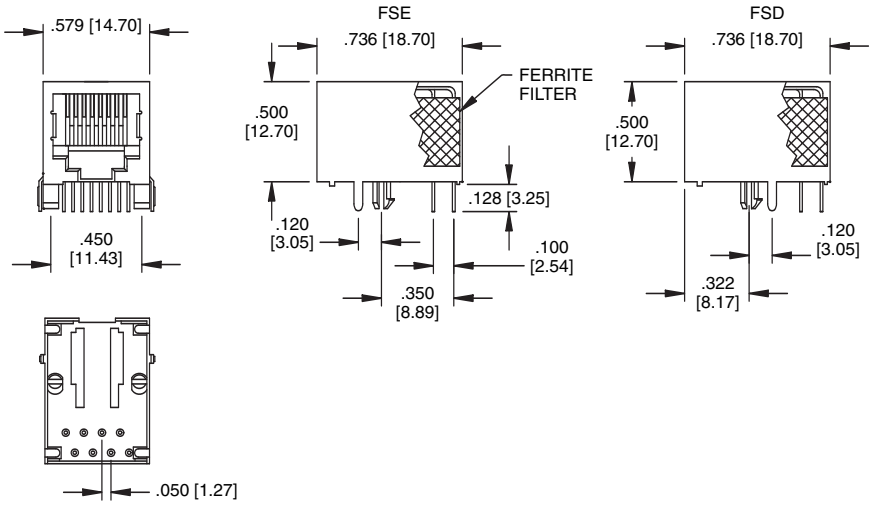
6p4c
6p6c
Recommended PCB Layout

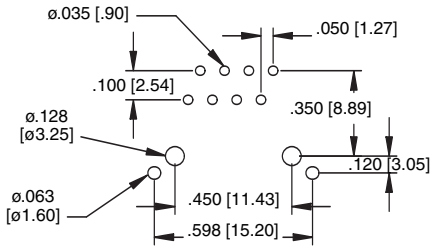


8p8c
Recommended PCB Layout

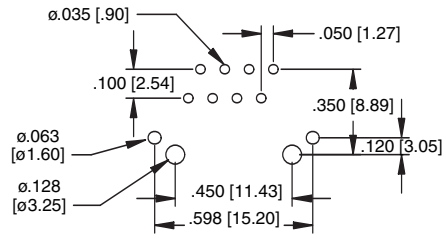
EMI FERRITE FILTERED & SHIELDED JACK

Type M
8p8c





FSE
8p8c
Recommended PCB Layout



FSD
8p8c
Recommended PCB Layout

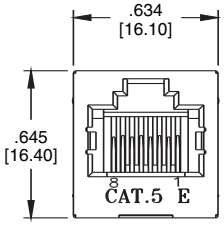
MODULAR TELEPHONE JACKS

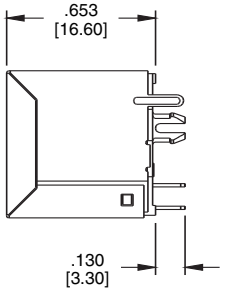
CATEGORY 5, SIDE & TOP ENTRY

MTJ SERIES

TYPE A, CATEGORY 5, TOP ENTRY

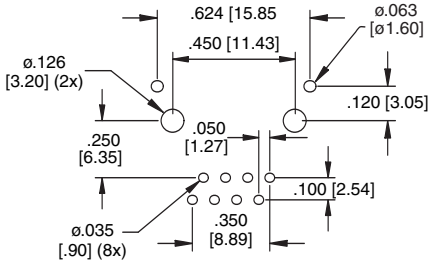
8P8C





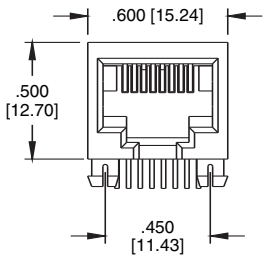
MTJ-88AX1-FSE

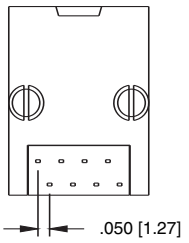
Recommended PCB Layout

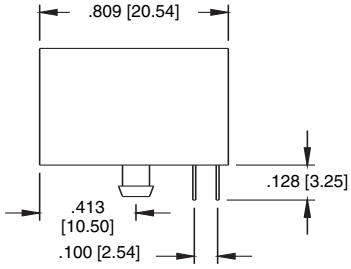


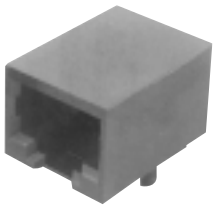
TYPE T, CATEGORY 5, SIDE ENTRY

8P8C



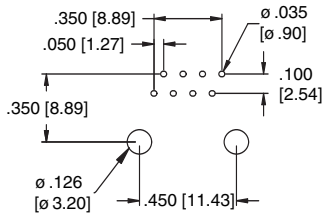






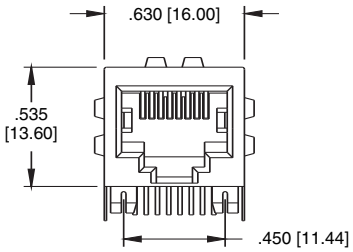
MTJ-88TX1

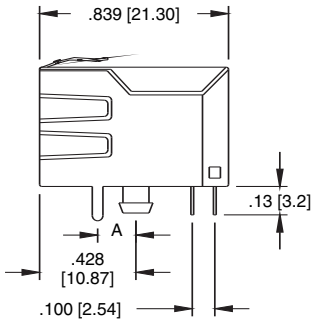
Recommended PCB Layout



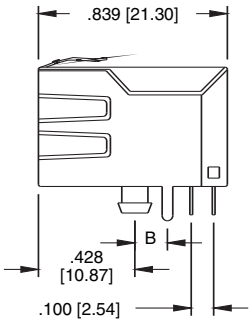
TYPE T, CATEGORY 5 SHIELDED SIDE ENTRY

8P8C



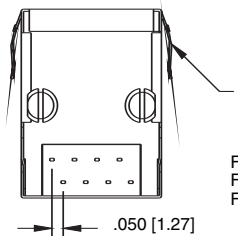


FSA & FSB



FSD

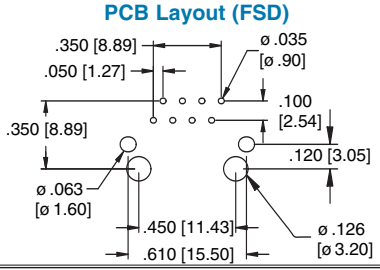
MTJ-88TX1-FSE-PG6



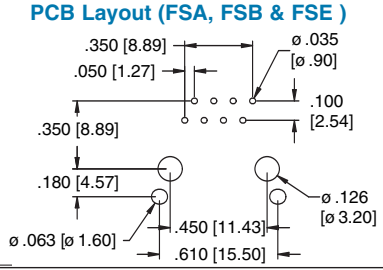
OPTIONAL
PANEL GROUNDS

SHIELD PIN LOCATION
FSA OPTION: A = .170 [4.32]
FSB OPTION: A = .144 [3.66]
FSE OPTION: A = .120 [3.05]

PCB Layout (FSD)



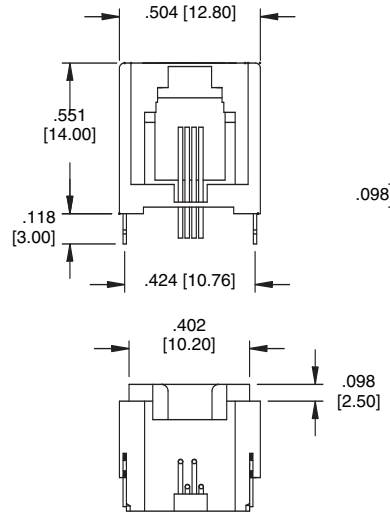
PCB Layout (FSA, FSB & FSE)



MODULAR TELEPHONE JACKS

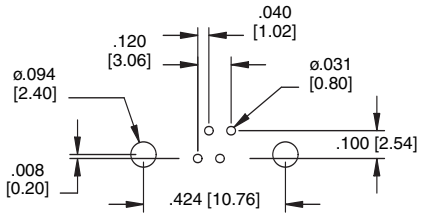
.551" HEIGHT, SIDE ENTRY - TYPE E

MTJ SERIES

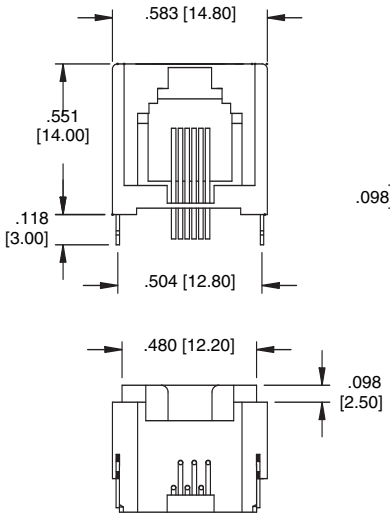


TYPE E
4p4c

MTJ-44EX1

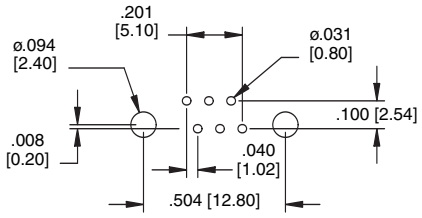


Recommended PCB Layout

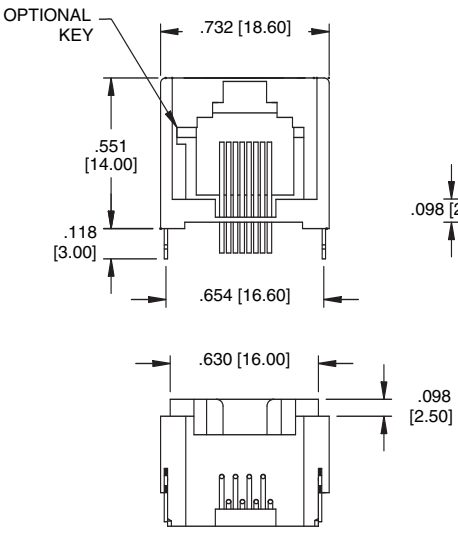


TYPE E
6p4c
6p6c

MTJ-66EX1

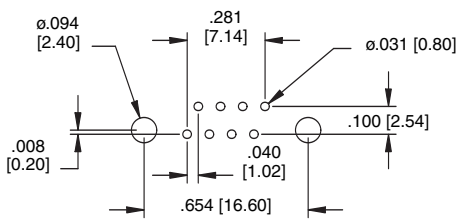


Recommended PCB Layout



TYPE E
8p8c

MTJ-88EX1



Recommended PCB Layout

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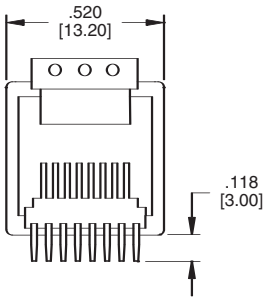
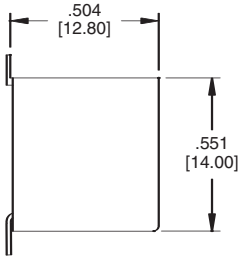
MODULAR TELEPHONE JACKS

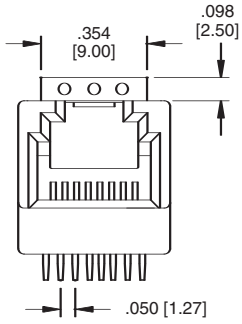
.626" HEIGHT, SMT, TOP ENTRY

MTJ SERIES

TYPE H
8p8c



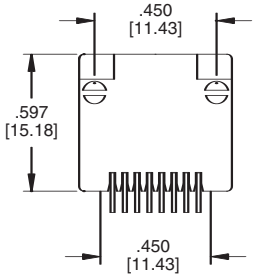


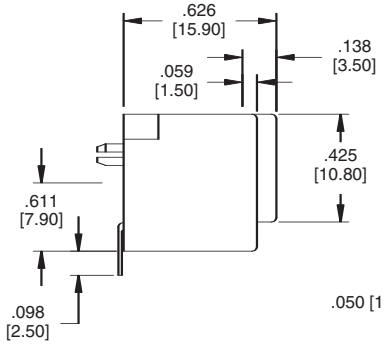


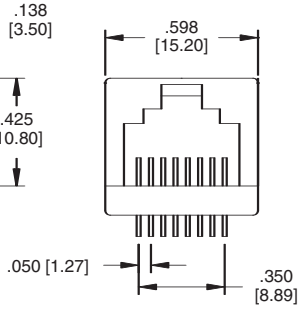
MTJ-88HX1

MTJ-88HX1-FS

TYPE K
8p8c

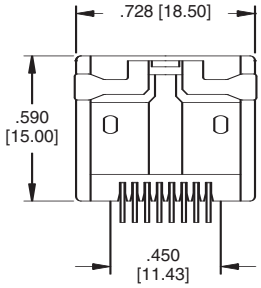


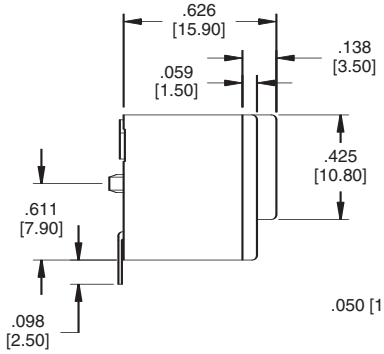


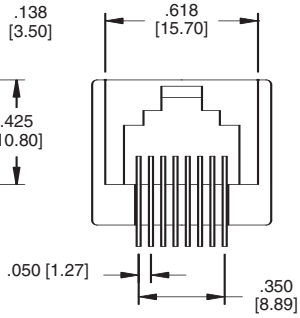


MTJ-88KX1

TYPE V
8p8c



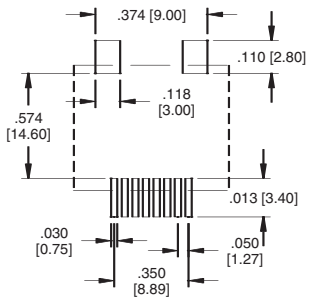




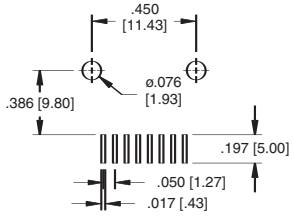
MTJ-88VX1

Recommended PCB Layout

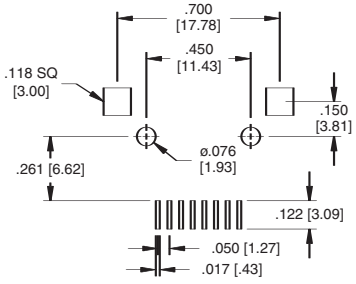
TYPE H



TYPE K



TYPE V



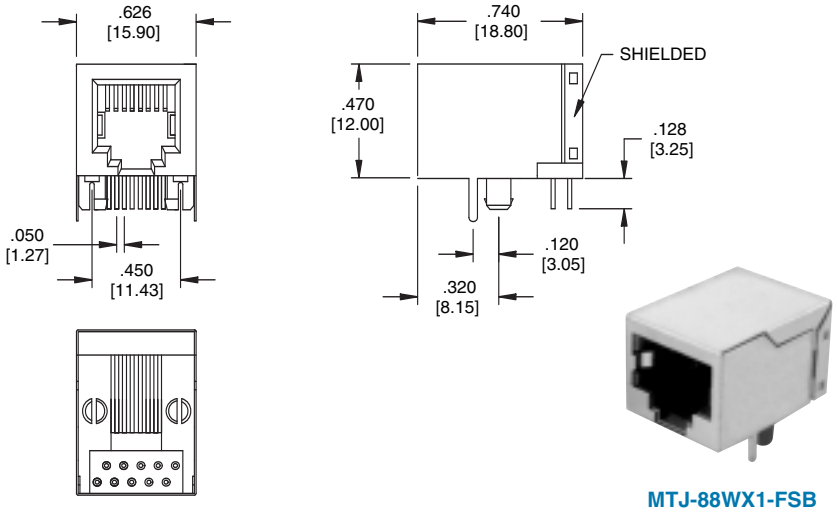
MODULAR TELEPHONE JACKS

.470" HEIGHT, THRU HOLE & SMT - TYPE W

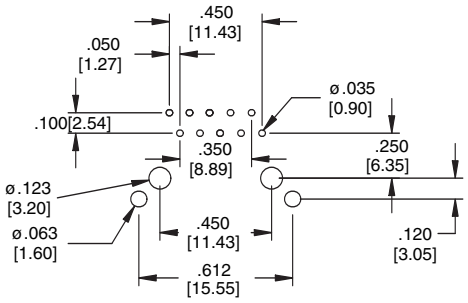
MTJ SERIES

TYPE W SHIELDED

8p8c
10p10c



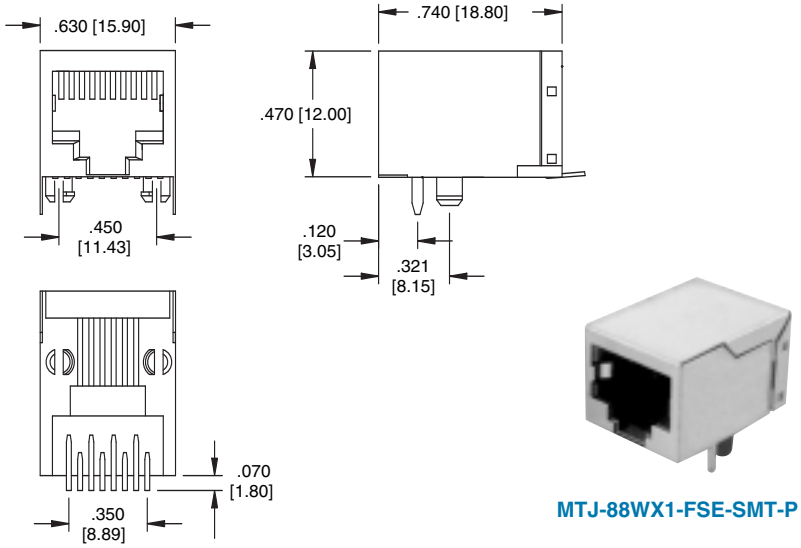
MTJ-88WX1-FSB



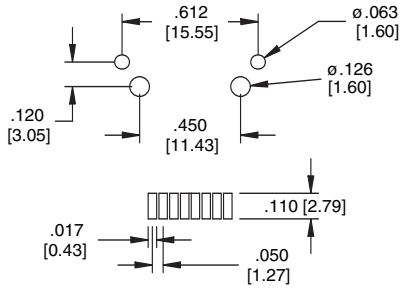
Recommended PCB Layout

TYPE W SHIELDED SMT WITH PLASTIC PEG

8p8c



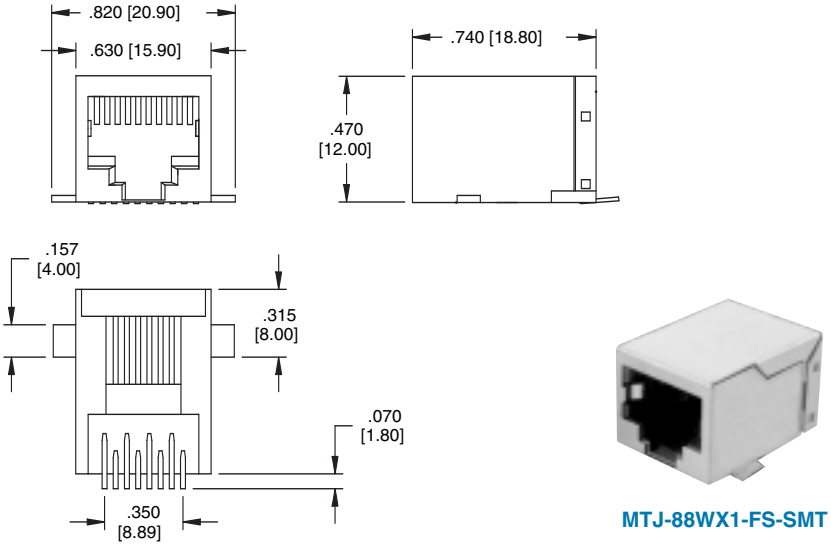
MTJ-88WX1-FSE-SMT-P



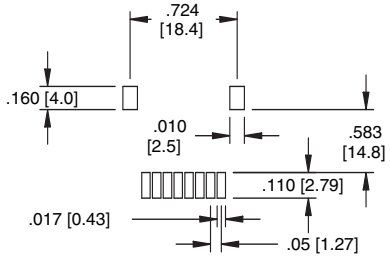
Recommended Solder Pad Layout

TYPE W SHIELDED TRUE SMT

8p8c



MTJ-88WX1-FS-SMT



Recommended Solder Pad Layout

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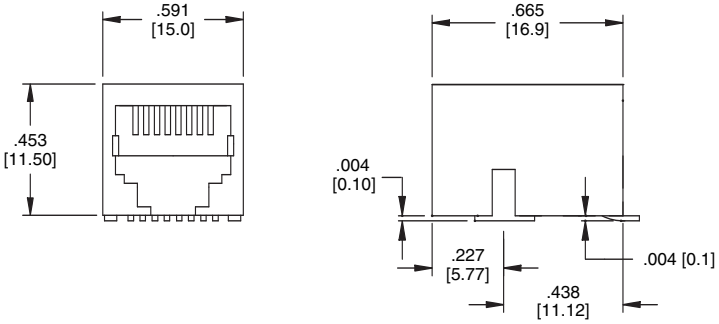
MODULAR TELEPHONE JACKS

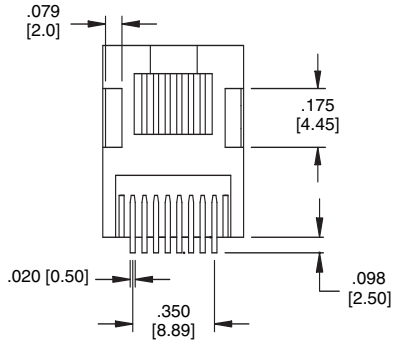
SMT, .453" HEIGHT, SIDE ENTRY - TYPE W

MTJ SERIES

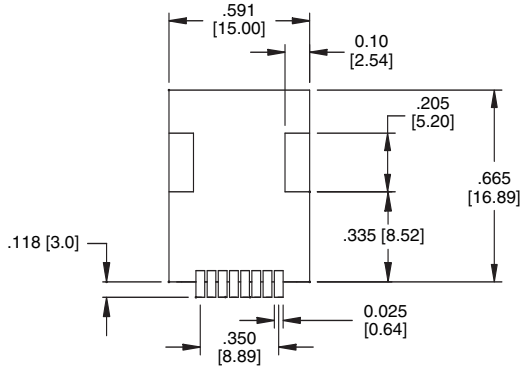
TYPE WA TABS IN

8p8c





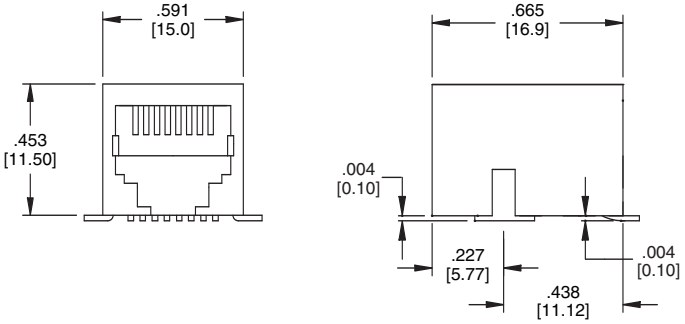
MTJ-88WAX1

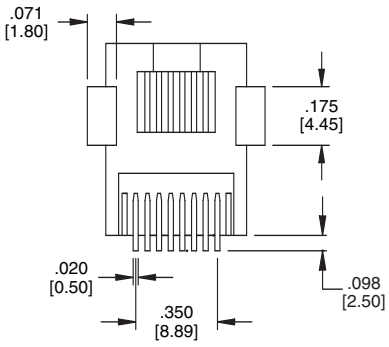


Recommended Solder Pad Layout

TYPE WB TABS OUT

8p8c





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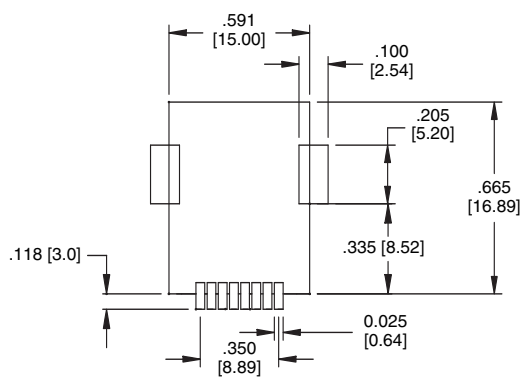
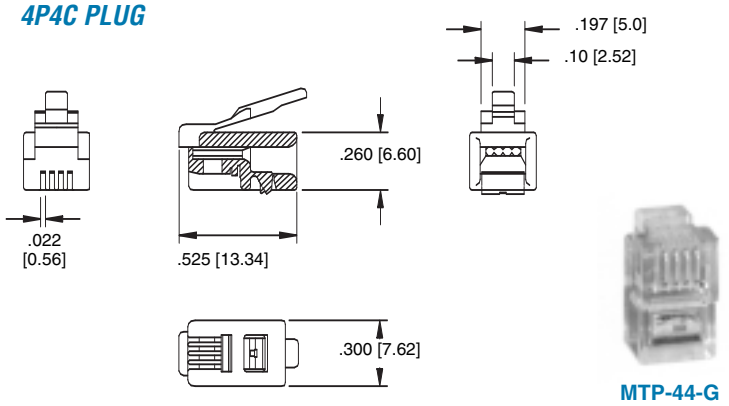


Recommended Solder Pad Layout

MODULAR TELEPHONE PLUGS

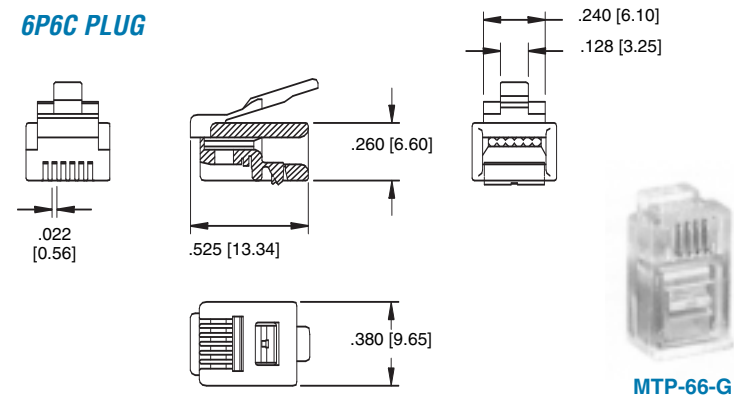
MTP SERIES

4P4C PLUG



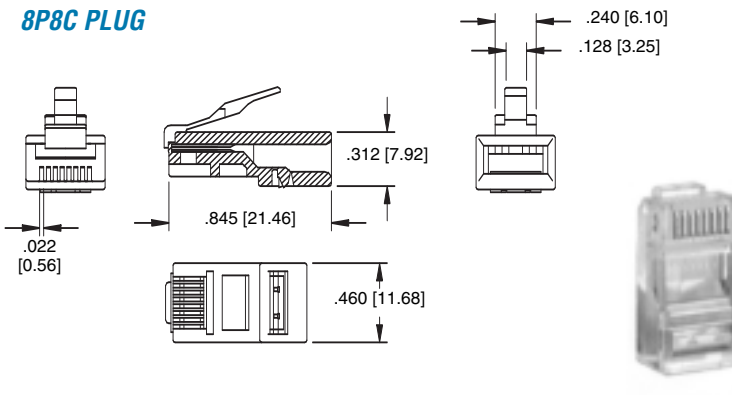
MTP-44-G

6P6C PLUG



MTP-66-G
MTP-64-G

8P8C PLUG



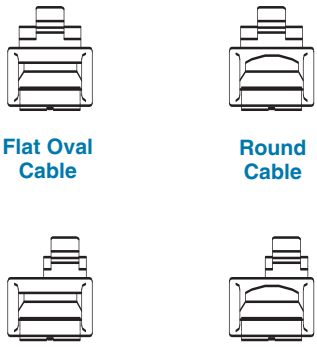
MTP-88-G

Contact Options

Stranded Wire Contact

Solid Wire Contact

Cable Options



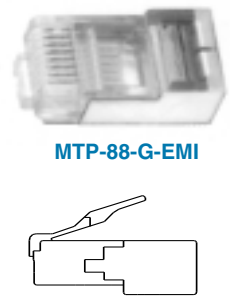
Flat Oval Cable

Round Cable

Flat Oval Cable Offset Latch

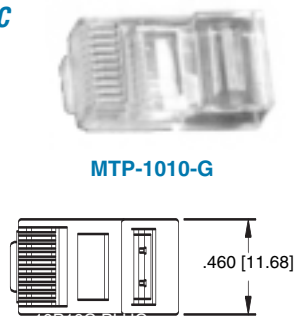
Round Cable Offset Latch

Plug with Metal EMI Shield Option



MTP-88-G-EMI

10P10C PLUG



MTP-1010-G